

Datasheet for ABIN6387845

## CD93 Protein (CD93) (AA 22-580) (His tag)



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### 1 Image

#### Overview

|                               |                                             |
|-------------------------------|---------------------------------------------|
| Quantity:                     | 50 µg                                       |
| Target:                       | CD93                                        |
| Protein Characteristics:      | AA 22-580                                   |
| Origin:                       | Human                                       |
| Source:                       | Baculovirus infected Insect Cells           |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This CD93 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS)                              |

#### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:        | TGADTEAVVC VGTACYTAHS GKLSAAEAQN HCNQNGGNLA TVKSKEEAQH VQRVLAQLLR<br>REAALTARMS KFWIGLQREK GKCLDPSLPL KGFSWVGGE DTPYSNWHKE LRNSCISKRC<br>VSLLLDLSQP LLPSRLPKWS EGPCGSPGSP GSNIIEGFVCK FSFKGMCRL ALGGPGQVTY<br>TTPFQTTSSS LEAVPFASAA NVACGEGDKD ETQSHYFLCK EKAPDVFDWG SSGPLCVSPK<br>YGCNFNNGGC HQDCFEGGDG SFLCGCRPGF RLLDDLVTCA SRNPCSSSPC RGGATCVLGP<br>HGKNYTCRCP QGYQLDSSQL DCVDVDECQD SPCAQECVNT PGGFRCECWV GYEPGGPGEG<br>ACQDVDECAL GRSPCAQGCT NTDGSFHCSC EEGYVLAGED GTQCQDVDEC VPGGGPLCDS<br>LCFNTQGSFH CGCLPGWVLA PNGVSCTMGP VSLGPPSGPP DEEDKGEKEG STVPRAATAS<br>PTRGPEGTPK ATPTTSRPSL SSDAPITSAP LKMLAPSGSP GVVREPSIHH ATAASGPQEP<br>AGGDSSVATQ NNDGTDGQKV EHHHHHH |
| Purity:          | > 90% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Endotoxin Level: | < 1 EU per 1 µg of protein (determined by LAL method)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## Target Details

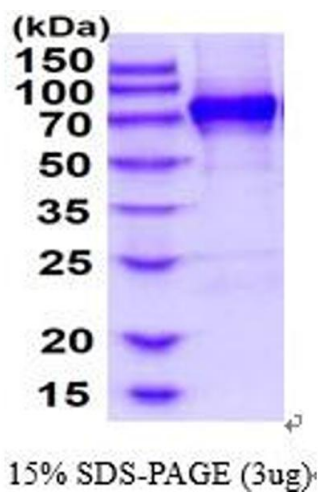
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | CD93                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Alternative Name: | C1q R1/CD93 ( <a href="#">CD93 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Background:       | CD93, also known as complement component C1q receptor, belongs to a family of transmembrane glycoproteins which also includes endosialin and thrombomodulin. It is involved in various aspects of inflammatory reactions. CD93 is expressed by vascular endothelial cells and by a variety of hematopoietic cells. It is receptor for C1q, mannose-binding lectin (MBL2) and pulmonary surfactant protein A (SPA). Recombinant human CD93, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques. |
| Molecular Weight: | 59.3 kDa (567aa)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| NCBI Accession:   | <a href="#">NP_036204</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| UniProt:          | <a href="#">Q9NPY3</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## Application Details

|                    |                                                                    |
|--------------------|--------------------------------------------------------------------|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions:      | For Research Use only                                              |

## Handling

|                  |                                                                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Liquid                                                                                                                                            |
| Concentration:   | 0.5 mg/mL                                                                                                                                         |
| Buffer:          | Liquid. In Phosphate Buffered Saline ( pH 7.4) containing 10 % glycerol                                                                           |
| Storage:         | 4 °C,-20 °C,-80 °C                                                                                                                                |
| Storage Comment: | Can be stored at +2°C to +8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles. |



| SDS-PAGE |
|----------|
| Image 1. |