

Datasheet for ABIN6388042

## SIGLEC5 Protein (AA 17-441) (hlgG-His-tag)



[Go to Product page](#)

### 1 Image

#### Overview

|                               |                                                     |
|-------------------------------|-----------------------------------------------------|
| Quantity:                     | 50 µg                                               |
| Target:                       | SIGLEC5                                             |
| Protein Characteristics:      | AA 17-441                                           |
| Origin:                       | Human                                               |
| Source:                       | Baculovirus infected Insect Cells                   |
| Protein Type:                 | Recombinant                                         |
| Purification tag / Conjugate: | This SIGLEC5 protein is labelled with hlgG-His-tag. |
| Application:                  | SDS-PAGE (SDS)                                      |

#### Product Details

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sequence:        | EKPVEYL QVQKSVTVQE GLCVLVPCSF SYPWRSWYSS PPLYVYWFRD GEIPYYAEVV<br>ATNNPDRRVK PETQGRFRLL GDVQKKNC SL SIGDARMEDT GSYFFRVERG RDVKYSYQQN<br>KLNLEVTALI EKPDHIFLEP LESGRPTRL S CSLPGSCEAG PPLTFSWTGN ALSPLDPETT<br>RSSELTTPR PEDHGTNLTC QMKRQGAQVT TERTVQLNVS YAPQTITIFR NGIALEILQN<br>TSYLPVLEGQ ALRLLCDAPS NPPAHL SWFQ GSPALNATPI SNTGILELRR VRSAEEGGFT<br>CRAQHPLGFL QIFLNLSVYS LPQLLG PSCS WEAEG LHCRC SFRARPAPSL CWRLEEKPLE<br>GNSSQGSFKV NSSSAGPWAN SSLILHGGLS SDLKV SCKAW NIYGSQSGSV LLLQGRSNLG<br>TGVVPAAL |
| Purity:          | > 90% by SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Endotoxin Level: | < 1 EU per 1 µg of protein (determined by LAL method)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

## Target Details

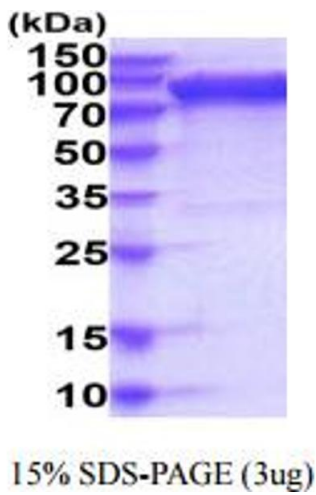
|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | SIGLEC5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Alternative Name: | Siglec-5 ( <a href="#">SIGLEC5 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Background:       | SIGLEC5, also known as sialic acid-binding Ig-like lectin 5, belongs to immunoglobulin superfamily and SIGLEC family. This protein is composed of 2 Ig-like C2-type domains and 1 Ig-like V-type domain. Also, it is expressed by monocytic/myeloid lineage cells. It is found at high levels in peripheral blood leukocytes, spleen, and at lower levels in lymph node, appendix, pancreas, lung, and thymus. Recombinant human SIGLEC5, fused to hlgG-His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques. |
| Molecular Weight: | 74.2 kDa (667aa)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| NCBI Accession:   | <a href="#">NP_003821</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| UniProt:          | <a href="#">O15389</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

## Application Details

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

## Handling

|                  |                                                                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Format:          | Liquid                                                                                                                                            |
| Concentration:   | 0.25 mg/mL                                                                                                                                        |
| Buffer:          | Liquid. In Phosphate Buffered Saline ( pH 7.4)                                                                                                    |
| 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. |