



[Go to Product page](#)

Datasheet for ABIN5853155

## HES2 Protein (AA 1-173) (His tag)

### 1 Image

#### Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 50 µg                                       |
| Target:                       | HES2  |
| Protein Characteristics:      | AA 1-173                                    |
| Origin:                       | Human                                       |
| Source:                       | Escherichia coli (E. coli)                  |
| Protein Type:                 | Recombinant                                 |
| Purification tag / Conjugate: | This HES2 protein is labelled with His tag. |
| Application:                  | SDS-PAGE (SDS)                              |

#### Product Details

Sequence: MGSSHHHHHH SSSLVPRGSH MGSMGLPRRA GDAAELRKSL KPLLEKRRRA RINQSLSQLK  
GLILPLLGRE NSNCSKLEKA DVLEMTVRFL QELPASSWPT AAPLPCDSYR EGY SACVARL  
ARVLPACRVL EPAVSARLLE HLWRRAASAT LDGGRAGDSS GPSAPAPAPA SAPEPASAPV  
PSPSPPCGP GLWRPW

Purity: > 80 % by SDS - PAGE

#### Target Details

|                   |  |
|-------------------|--|
| Target:           | HES2   |
| Alternative Name: | HES2 ( <a href="#">HES2 Products</a> )   |
| Background:       | Hairy and enhancer of split 2, also known as HES2, is a member of the HES family and contains one basic helix-loop-helix (bHLH) domain and one orange domain. The HES family members |

## Target Details

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form a complex with TLE, the mammalian homologue of Groucho, and this interaction is mediated by the carboxy terminal WRPW motif of the HES proteins. Activation of Notch signaling pathway leads to activation of HES family genes through the interaction between Notch intracellular domain and RBPSuH (CSL). HES2 is expressed in a variety of adult and embryonic tissue. Recombinant human HES2 protein, fused to His-tag at N-terminus, was expressed in E.coli.

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Molecular Weight: 20.9 kDa (196aa)

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NCBI Accession: [NP\\_061962](#)

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UniProt: [Q9Y543](#)

## Application Details

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Application Notes: Optimal working dilution should be determined by the investigator.

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Comment: Denatured

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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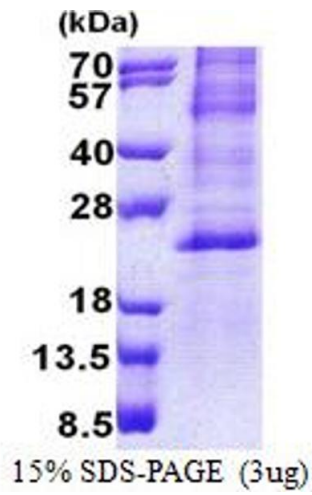
Buffer: Liquid. In 20 mM Tris-HCl buffer ( pH 8.0) containing 0.4M urea, 10 % glycerol

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Storage: 4 °C,-20 °C,-80 °C

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Storage Comment: Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



### SDS-PAGE

Image 1.