

## Recombinant Human ADAM18 protein, GST-tagged

**Cat. No.** ADAM18-4622H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human ADAM18 protein(275-425 aa), fused with N-terminal GST tag, was expressed in E. coli.                                                                                                                                               |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                               |
| <b>ProteinLength</b>    | 275-425 aa                                                                                                                                                                                                                                           |
| <b>Tag</b>              | N-GST                                                                                                                                                                                                                                                |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.              |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.       |
| <b>Reconstitution</b>   | Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage. |
| <b>AA Sequence</b>      | LVYRKHPKYVGATFPGTVCNKSVDAGIAMYPDAIGLEGFSVIIAQLLGLNVGLTYDDIT<br>QCFCLRATCIMNHEAVSASGRKIFSNCSMHDYRYFVSKFETKCLQKLSNLQPLHQN                                                                                                                              |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QPVCNGNGILESNEECDGNGKNECQFKKCCDYNTCKL

## GENE INFORMATION

**Gene Name** [ADAM18 ADAM metallopeptidase domain 18 \[ Homo sapiens \]](#)

**Official Symbol** [ADAM18](#)

**Synonyms** ADAM18; ADAM metallopeptidase domain 18; a disintegrin and metalloproteinase domain 18; disintegrin and metalloproteinase domain-containing protein 18; putative ADAM18 gene product; ADAM27; tMDCIII; disintegrin and metalloproteinase domain-containing protein 18; ADAM 18; tMDC III; transmembrane metalloproteinase-like, disintegrin-like, and cysteine-rich protein III; MGC41836; MGC88272;

**Gene ID** [8749](#)

**mRNA Refseq** [NM\\_001190956](#)

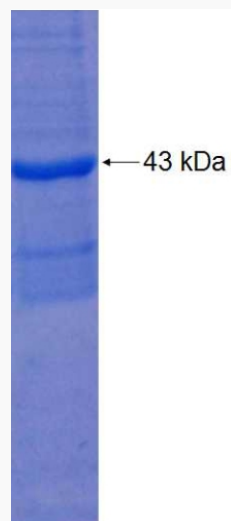
**Protein Refseq** [NP\\_001177885](#)

**UniProt ID** [Q9Y3Q7](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**SDS-PAGE**

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA