

# Recombinant Human ADAMTSL5 Protein, GST-tagged

**Cat. No.** ADAMTSL5-313H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ADAMTSL5 full-length ORF (BAD18703.1, 1 a.a. - 471 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | ADAMTSL5 (ADAMTS Like 5) is a Protein Coding gene. Among its related pathways are O-glycosylation of TSR domain-containing proteins and HIV Life Cycle. GO annotations related to this gene include heparin binding and metalloendopeptidase activity. An important paralog of this gene is ADAMTSL4.                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 78.4 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>AA Sequence</b>      | MDSAPLFPRPHLFQNLFLWALLNCGLGVSAQGPGEWTPWVSWTRCSSSCGRG<br>VSVRSRRCLRLPGEEPCWGDSHEYRLCQLPDCPPGAVPFRDLQCALYNGRPVLGT<br>QKTYQWVPFHGAPNQCDLNCLEAGHAFYHSFGRVLDGTACSPGAQGVCVAGRCL<br>SAGCDGLLGSGALEDRCGRGCGGADDSCFLVQRVFRDAGAFAGYWNVTLIPEGARH<br>IRVEHRSRNHLALMGDGRYVLNGHWVSPPGTYEAAGTHVVYTRDTGPQETLQA<br>AGPTSHDLLLQVLLQEPNPGIEFEFWLPRERYSPFQARVQALGWPLRQPQPRGVPEP<br>QPPAAPAVTPAQTPTLAPDPCPPCPDTRGRAHRLHYCGSDFVFQARVLGHHHQA<br>QETRYEVRIQLVYKNRSPLRAREYVWAPGHCPMPLAPHRDYLMAVQRLVSPDGT<br>QDQLLLPHAGYARPWSPAEDSRIRLTARRCPG |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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|                       |                                                                            |
|-----------------------|----------------------------------------------------------------------------|
|                       | Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.     |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.   |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.   |

## GENE INFORMATION

|                        |                                         |
|------------------------|-----------------------------------------|
| <b>Gene Name</b>       | ADAMTSL5 ADAMTS-like 5 [ Homo sapiens ] |
| <b>Official Symbol</b> | ADAMTSL5                                |
| <b>Synonyms</b>        | THSD6                                   |
| <b>Gene ID</b>         | 339366                                  |
| <b>mRNA Refseq</b>     | NM_213604.2                             |
| <b>Protein Refseq</b>  | NP_998769.2                             |
| <b>UniProt ID</b>      | Q6ZMM2                                  |

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