

Recombinant Human ADAM12 protein, GST-tagged

Cat. No. ADAM12-1933H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAM12 protein(31-350 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	31-350 aa
Tag	N-GST
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	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.

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AA Sequence

VSLWNQGRADEVVVSASVRSGLDWIPVKSFDKSKNHPEVLNIRLQRESKELIINLERNE
 GLIASSFTETHYLQDGTDVSLARNYTGHCYYHGHVVRGYSDSAVSLSTCSGLRGLIVF
 ENESYVLEPMKSATNRYKLFPAKCLKSVRSGSCGSHHNTPNLAAKNVFPFPSQTWAR
 RHKRETLKATKYVELVIVADNREFQRQGDLEKVKQRLIEIANHVDFYRPLNIRIVLV
 GVEVWDMDKCSVSQDPFTSLHEFLDWRKMKLLPRKSHDNAQLVSGVYFQGTIG
 MAPIMSMCTADQSGGIVMDHSDNPLGAAVTLAHELG

GENE INFORMATION

Gene Name [ADAM12 ADAM metallopeptidase domain 12 \[Homo sapiens \]](#)

Official Symbol [ADAM12](#)

Synonyms ADAM12; ADAM metallopeptidase domain 12; a disintegrin and metalloproteinase domain 12 (meltrin alpha); disintegrin and metalloproteinase domain-containing protein 12; MCMPItna; meltrin alpha; MLTN; meltrin-alpha; MCMP; MLTNA;

Gene ID [8038](#)

mRNA Refseq [NM_003474](#)

Protein Refseq [NP_003465](#)

MIM [602714](#)

UniProt ID [O43184](#)

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