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 Na2HPO4,17mM NaH2PO4, 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	VSLWNQGRADEVVSASVRSGDLWIPVKSFDSKNHPEVLNIRLQRESKELIINLERNE GLIASSFTETHYLQDGTDVSLARNYTGHCYYHGHVRGYSDSAVSLSTCSGLRGLIVF ENESYVLEPMKSATNRYKLFPAKKLKSVRGSCGSHHNTPNLAAKNVFPPPSQTWAR RHKRETLKATKYVELVIVADNREFQRQGKDLEKVKQRLIEIANHVDKFYRPLNIRIVLV GVEVWNDMDKCSVSQDPFTSLHEFLDWRKMKLLPRKSHDNAQLVSGVYFQGTTIG 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; MCMPMltna; 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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SDS-PAGE



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