

Recombinant Human ADAM7 protein, His-tagged

Cat. No. ADAM7-3790H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ADAM7 protein(134-483 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	134-483 aa
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. The elution buffer contain 300mM imidazole.
AA Sequence	IKDLLPDTNIIANRMAHQLGHNLMQHDEFPCPCPSGKCVMDSDGSIPALKFSKCSQ NQYHQYLKDYKPTCMLNIPFPYNFHDFFQCGNKKLDEGEEDCGPAQECTNPCCD AHTCVLKPFGFTCAEGECCESCQIKKAGSICRPAKDECDFPEMCTGHSPACPKDQFR VNGFPCKNSEGYCFMGKCPTREDQCSELFDDAIESHDICYKMNTKGNKFGYCKN KENRFLPCEEKDVRGKIYCTGGELSSLLGEDKTYHLKDPQKNATVKCKTIFLYHDS TDIGLVASGTKCGEGMVCNNGECLNMEKVYISTNCPSQCENPVDGHGLQCHCEE GQAPVACEETLHVTN
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, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [ADAM7 ADAM metallopeptidase domain 7 \[Homo sapiens \]](#)

Official Symbol [ADAM7](#)

Synonyms ADAM7; ADAM metallopeptidase domain 7; a disintegrin and metalloproteinase domain 7; disintegrin and metalloproteinase domain-containing protein 7; EAPI; GP 83; epididymal apical protein I; sperm maturation-related glycoprotein GP-83; GP83; GP-83; ADAM 7; ADAM-7;

Gene ID [8756](#)

mRNA Refseq [NM_003817](#)

Protein Refseq [NP_003808](#)

MIM [607310](#)

UniProt ID [Q9H2U9](#)

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