

# Recombinant Full Length Mouse Disintegrin And Metalloproteinase Domain-Containing Protein 7(Adam7) Protein, His-Tagged

Cat. No. RFL-10047MF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Mouse Disintegrin and metalloproteinase domain-containing protein 7(Adam7) Protein (O35227) (177-789aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Mus musculus
<b>Source</b>	E.coli
<b>ProteinLength</b>	Full Length of Mature Protein (177-789)
<b>Form</b>	Lyophilized powder
<b>AA Sequence</b>	<p>                     KKSALIDVENIEEHNAEDHHKEKFIELDVVADEYVYRRNNKPQNKLKRKIWGMVNFV                      NMIYKTLNIHVTLAGFEIWSAGDKIEIVSNLESTLLHFSTWQETVLKKRKDFDHVILLS                      GKWLYTSMQGIAYPGGICQILRSCSVVKDLLPDVNIIGNRMAHQLGHSLGMQHDGF                      PCTCPLGKCVMGDGSIPAIFSKCSQTQYQQFLQDQKPACILNPNPFPEEFNDYPFC                      GNKKVDEGEEDCGPVQECTNPCCDAHKCVLKPGFTCVEGECCESCQMKKEGAV                      CRLAKNECDISEVCTGYSPECPKDEFQANGFPCRNGEGYCFMGLCPTTRNEQCSEL                      FIGGAEESHSLCYRMNKKGNRFGYCKNKGNTFVPCEEKDLKCGKIYCSGGRPSSRL                      GEDKAYNLKNVKQNVTIKCRMTFLHHNSRDMGLVNSGTKCGDGMVCSNGECIEME                      KAYNSTICSSPCDENDVDDNEPECQCEEGSIITWGEALNLTSSVIMVIVLVMVIIGVG                      LVILLIRYQKCIKMKQVQSSPREIRGVENKGYFPEEHQTRSEPILTDIHPLHTTAESLE                 </p>

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

RVPSSFSSPHYITLKSVSKDSRGIADPKQTDNVNLNLDLDTQSGCERLG

**Purity** Greater than 90% as determined by SDS-PAGE.

**Applications** SDS-PAGE

**Notes** Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

**Storage** Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Tris/PBS-based buffer, 6% Trehalose, pH 8.0

**Reconstitution** We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

## GENE INFORMATION

**Gene Name** Adam7

**Synonyms** Adam7; Disintegrin and metalloproteinase domain-containing protein 7; ADAM 7

**UniProt ID** [O35227](https://www.uniprot.org/uniprot/O35227)

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