

Active Recombinant Human A2ML1 Protein, His-tagged

Cat. No. A2ML1-827H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human A2ML1 (Accession # NP_653271) Glu18-Glu1454, fused with a C-terminal 6-His tag, was produced in Human embryonic kidney cell, HEK293-derived.
Species	Human
Source	HEK293
ProteinLength	Glu18-Glu1454
Predicted N Terminal	Starts at Glu18
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Recombinant Human alpha 2-Macroglobulin-like1 is immobilized at 2 µg/mL (100 µL/well), the concentration of Recombinant Human LRP-1 Cluster II Fc Chimera that produces 50% of the optimal binding response is approximately 1-5 µg/mL.
Molecular Mass	Recombinant Human A2ML1, His-tagged has a calculated MW of 160 kDa. In SDS-PAGE migrates as 155-175 kDa, reducing conditions.
Purity	>75%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In

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lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

Gene Name [A2ML1 alpha-2-macroglobulin-like 1 \[Homo sapiens \]](#)

Official Symbol A2ML1

Synonyms A2ML1; alpha-2-macroglobulin-like 1; C3 and PZP like, alpha 2 macroglobulin domain containing 9 , CPAMD9; alpha-2-macroglobulin-like protein 1; FLJ25179; C3 and PZP-like, alpha-2-macroglobulin domain containing 9; CPAMD9; FLJ16045; FLJ39129; FLJ41597; FLJ41598; FLJ41607; DKFZp686C1729; DKFZp686D2011; DKFZp686G1812; DKFZp686L1821; DKFZp686O1010;

Gene ID [144568](#)

mRNA Refseq [NM_144670](#)

Protein Refseq [NP_653271](#)

MIM [610627](#)

UniProt ID A8K2U0

Chromosome Location 12p13

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