Recombinant Human A2ML1 cell lysate

Cat. No. A2ML1-2105HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	The alpha-macroglobulin (AM) superfamily of proteins contains both complement components and protease inhibitors, including A2M (MIM 103950) and A2ML1. AM proteins display a unique trap mechanism of inhibition, by which the AM inhibitor undergoes a major conformational change upon its cleavage by a protease, thus trapping the protease and blocking it from subsequent substrate binding (Galliano et al., 2006 [PubMed 16298998]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

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

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	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
Function	peptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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