

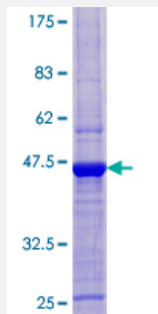
Full-Length

A2ML1 (Human) Recombinant Protein (P01)

Catalog # H00144568-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human A2ML1 full-length ORF (AAH93840.1, 1 a.a. - 158 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MYTLEASGQGCVVQTVLRYNILPPTNMKTFSLSVEIGKARCEQPTSPRSLTLTIHTSYVGSRSSN MAIVEVKMLSGFSPMEGTNQLLLQQPLVKKVEFGDTLNYLDELIKNTQTYFTISQSVLVTNLKPA TIKVYDYLPDEQATIQYSDPCE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	44.1
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — A2ML1

Entrez GeneID	144568
GeneBank Accession#	BC093840.1
Protein Accession#	AAH93840.1
Gene Name	A2ML1
Gene Alias	CPAMD9, DKFZp686C1729, DKFZp686D2011, DKFZp686G1812, DKFZp686L1821, DKFZp686O1010, FLJ16045, FLJ25179, FLJ39129, FLJ41597, FLJ41598, FLJ41607
Gene Description	alpha-2-macroglobulin-like 1
Omim ID	610627
Gene Ontology	Hyperlink
Gene Summary	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]).[supplied by OMIM]
Other Designations	C3 and PZP-like, alpha-2-macroglobulin domain containing 9 OTTHUMP00000158614

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)

- [Genetic Predisposition to Disease](#)
- [Neuroblastoma](#)