

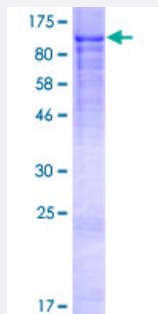
Full-Length

ADAM7 (Human) Recombinant Protein (P01)

Catalog # H00008756-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ADAM7 full-length ORF (AA48736.1, 1 a.a. - 754 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLPGCIFLMILLIPQVKEKFILGVEGQQLVRPKKLPLIQKRD TGHTHDDDILKTYEEELLYEIKLNRKTL
VLHLLRSREFLGSNYSETFYSMKGEAFTRHPQIMDHCFYQGSIVHEYDSAASISTCNGLRGFFRIND
QRYLIEPVKYSDEGEHLVFKYNLRVPYGANYSC TELNFTRKTVPGDNESEEDSKIKGHDEKYVELF
VADDTVYRRNGHPHNKLRNRWGMVNFVNMIYKTLNIHVTLVGIEWTHEDKIELYSNIETTLRF SF
WQEKILKTRKDFDHVVLLSGKWLYSHVQGISYPGGMCLPYYSTSIKDLLPDTNIIANRMAHQLGHNL
GMQHDEFPC TPCSGKCVMDSDGSIPALKFSKCSQNQYHQYLKDYKPTCMLNIPFPYNFHFDFQFC
GNKKLDEGEECD CGPAQECTNPCCDAHTCVLKP GFTCAEGECCESCQIKKAGSICRP AKDECD
FPEMCTGHSPACPKDQFRVNGFPCKNSEGYCFMGKCPTREDQCSELF DDEAIESHDICYKMNT
KGNKFGYCKNKENRFLPCEEKDVR CGKIYCTGGELSSLLGEDKTYHLKDPQKNATVKCKTIFLYH
DSTDIGLVASGTKCGEGMVCNNGECLNMEKVYISTNCPSQCENPNVDGHGLQCHCEE GQAPVA
CEETLHVTNITLVVVLVLVVGIGVLILLVRYRKCIKLKQVQSPPTETLGVENKGYFGDEQQIRTEPILP
EIHFLNKPASKDSRGIADPNQSAK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

109.89

Interspecies Antigen Sequence

Mouse (66); Rat (66)

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 — ADAM7

Entrez GeneID	8756
GeneBank Accession#	BC148735
Protein Accession#	AA48736.1
Gene Name	ADAM7
Gene Alias	EAPI, GP-83
Gene Description	ADAM metallopeptidase domain 7
Omim ID	607310
Gene Ontology	Hyperlink
Gene Summary	The ADAM family is composed of zinc-binding proteins that can function as adhesion proteins and/or endopeptidases. They are involved in a number of biologic processes, including fertilization, neurogenesis, muscle development, and immune response.[supplied by OMIM]
Other Designations	a disintegrin and metalloproteinase domain 7 epididymal apical protein sperm maturation-related glycoprotein GP-83