

Recombinant Full Length Human PAMR1 Protein, GST-tagged

Cat. No. PAMR1-3941HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DKFZP586H2123 full-length ORF (NP_056245.2, 1 a.a. - 737 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	737 amino acids
Description	PAMR1 (Peptidase Domain Containing Associated With Muscle Regeneration 1) is a Protein Coding gene. Diseases associated with PAMR1 include Duchenne Muscular Dystrophy. GO annotations related to this gene include calcium ion binding and serine-type endopeptidase activity. An important paralog of this gene is MASP1.
Molecular Mass	108.3 kDa
AA Sequence	MELGCWTQLGLTFLQLLLISSLPREYTVINEACPGAENIMCRECCEYDQIECVCPG KREVVGYTIPCCRNEENECDSCLIHPGCTIFENCKSCRNGSWGGLDDDFYVKGFYC AECRAGWYGGDCMRGQVLRAPKGQILLESYPLNAHCEWTIHAKPGFVIQLRFVML SLEFDYMCQYDYVEVRDGDNRDQIIKRVCGNERPAPIQSIGSSLHVLFHSDGSKNF DGFHAIYEEITACSSSPCFHDGTCVLDKAGSYKCACLAGYTGQRCENLLEAGSKIK ASEDSLVLLEERNCSDPGGPVNGYQKITGGPGLINGRHAKIGTVVSFFCNNSYVLSG NEKRTCQQNGEWSGKQPICIKACREPKISDLVRRRVLPMQVQSRETPLHQLYSAAF SKQKLQSAPTKKPALPFGDLPMGYQHLHTQLQYECISPFYRRLGSSRRTCLRTGKW SGRAPSCIPICGKIENITAPKTQGLRWPWQAAIYRRTSGVHDGSLHKGAWFLVCSGA

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LVNERTVVVAAHCVTDLGKVTKMIKTADLKVVVLGKFYRDDDRDEKTIQSLQISAILHPN
 YDPILLDADIAILKLLDKARISTRVQPICLAASRDLSTSFQESHITVAGWNVLADVRSPG
 FKNDTLRSGVVSVDLLCEEQHEDHGIPVSVTDNMFCASWEPTAPSDICTAETGGI
 AAVSFPGRASPEPRWHLMGLVSWSYDKTCSHRLSTAFTKVLFPKDWIERNMK

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	PAMR1 peptidase domain containing associated with muscle regeneration 1 [Homo sapiens (human)]
Official Symbol	PAMR1
Synonyms	PAMR1; peptidase domain containing associated with muscle regeneration 1; RAMP; FP938; DKFZP586H2123; inactive serine protease PAMR1; peptidase domain-containing protein associated with muscle regeneration 1; regeneration associated muscle protease; regeneration-associated muscle protease homolog; Peptidase Domain Containing Associated With Muscle Regeneration 1; Peptidase Domain-Containing Protein Associated With Muscle Regeneration 1; Regeneration-Associated Muscle Protease Homolog; Regeneration-Associated Muscle Protease; Regeneration Associated Muscle Protease; Inactive Serine Protease PAMR1

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Gene ID	25891
mRNA Refseq	NM_001001991
Protein Refseq	NP_001001991
UniProt ID	Q6UXH9

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