

# Recombinant Full Length Human PAMR1 Protein, GST-tagged

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| <b>Product Overview</b> | Human DKFZP586H2123 full-length ORF ( NP_056245.2, 1 a.a. - 737 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 737 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | 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.                                                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 108.3 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MELGCWTQLGLTFLQLLLISSLPREYTVINEACPGAENIMCRECCEYDQIECVCPG<br>KREVVGYTIPCCRNEENECDSCLIHPGCTIFENCKSCRNGSWGGLDDFYVKGFYC<br>AECRAGWYGGDCMRCGQVLRAPKGQILLESYPLNAHCEWTIHAKPGFVIQLRFVML<br>SLEFDYMCQYDYVEVRDGDNRDGQIIKRVCGNERPAPIQSIGSSLHVLFHSDGSKNF<br>DGFHAIYEEITACSSSPCFHDGTCVLDKAGSYKCACLAGYTGQRCENLLEAGKSKIK<br>ASEDSLVLERNCSDPGGPVNGYQKITGGPGLINGRHAKIGTVVSFFCNNSYVLGS<br>NEKRTCQQNGEWSGKQPICIKACREPKISDLVRRRVLPMPVQSRETPLHQLYSAAF<br>SKQKLQSAPTKKPALPFGDLPMGYQHLHTQLQYECISPFYRRLGSSRRTCLRTGKW<br>SGRAPSCIPICGKIENITAPKTQGLRWPWQAAIYRRTSGVHDGSLHKGAWFLVCSGA |

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LVNERTVVVAAHCVTDLGKVMTIKTADLKVVLGKFYRDDDRDEKTIQSLQISAILHPN  
YDPILLDADIAILKLLDKARISTRVQPICLAASRDLSTSFQESHITVAGWNVLADVRSPG  
FKNDTLRSGVVSVDLLCEEQHEDHGIPVSVTDNMFCASWEPTAPSDICTAETGGI  
AAVSFPGRASPEPRWHLMGLVSWSYDKTCSHRLSTAFTKVLFPKDWIERNMK

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

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | PAMR1 peptidase domain containing associated with muscle regeneration 1 [ Homo sapiens (human) ]                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Official Symbol</b> | PAMR1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>        | 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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