

Recombinant Full Length Human DERL1 Protein, GST-tagged

Cat. No. DERL1-2474HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DERL1 full-length ORF (NP_077271.1, 1 a.a. - 251 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	251 amino acids
Description	The protein encoded by this gene is a member of the derlin family. Members of this family participate in the ER-associated degradation response and retrotranslocate misfolded or unfolded proteins from the ER lumen to the cytosol for proteasomal degradation. This protein recognizes substrate in the ER and works in a complex to retrotranslocate it across the ER membrane into the cytosol. This protein may select cystic fibrosis transmembrane conductance regulator protein (CFTR) for degradation as well as unfolded proteins in Alzheimer's disease. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Aug 2012]
Molecular Mass	55.2 kDa
AA Sequence	MSDIGDWFRSIPAITRYWFAATVAVPLVGKLGGLISPAYLFLWPEAFLYRFQIWRPITAT FYFPVGP GTGFLYLVNLYFLYQYSTRLETGAFDGRPADYLFMLLFNWICIVITGLAMD MQLLMIP LIMS VLYVWAQLNRDMIVSFWFGTRFKACYLPWVILGFNYIIGGSVINELIG NLVGHLYFFLMFRYPMDLGGRNFLSTPQFLYRWLP SRRGGVSGFGVPPASMRRAA

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DQNGGGGRHNWGQGFRLGDQ

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

DERL1 Der1-like domain family, member 1 [Homo sapiens]

Official Symbol

DERL1

Synonyms

DERL1; Der1-like domain family, member 1; derlin-1; DER 1; DER1; derlin 1; FLJ13784; MGC3067; PRO2577; DERtrin-1; der1-like protein 1; degradation in endoplasmic reticulum protein 1; DER-1; FLJ42092;

Gene ID

79139

mRNA Refseq

NM_001134671

Protein Refseq

NP_001128143

MIM

608813

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UniProt ID

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