

Recombinant Human DERL1 Protein, GST-tagged

Cat. No. DERL1-2546H **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	Wheat Germ
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	MSDIGDWFRSIPAITRYWFAATVAVPLVGKLGKISPAYLFLWPEAFLYRFQIWRPITAT FYFPVGPGTGFLYLVNLYFLYQYSTRLETGAFDGRPADYLFMLLFNWICIVITGLAMD MQLLMIPLIMSVLYVWAQLNRDMIVSFWFGTRFKACYLPWVILGFNYIIGGSVINELIG NLVGHLYFFLMFRYPMDLGGRNFLSTPQFLYRWLPSRRGGVSGFGVPPASMRRAA DQNGGGGRHNWGQGFR LGDQ

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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.

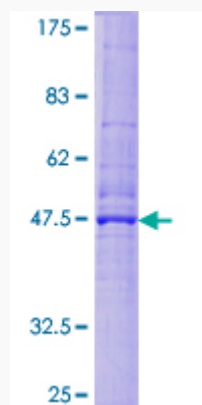
GENE INFORMATION

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
UniProt ID	Q9BUN8

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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