

Recombinant Full Length Human DERL3 Protein, GST-tagged

Cat. No. DERL3-2475HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DERL3 full-length ORF (NP_940842.2, 1 a.a. - 205 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	205 amino acids
Description	The protein encoded by this gene belongs to the derlin family, and resides in the endoplasmic reticulum (ER). Proteins that are unfolded or misfolded in the ER must be refolded or degraded to maintain the homeostasis of the ER. This protein appears to be involved in the degradation of misfolded glycoproteins in the ER. Several alternatively spliced transcript variants encoding different isoforms have been identified for this gene. [provided by RefSeq, Oct 2008]
Molecular Mass	49.8 kDa
AA Sequence	MAWQGLAAEFLQVPAVTRAYTAACVLTTAAVQLELLSPFQLYFNPHLVFRKFQVWR LVTNFLFFGPLGFSFFFNMLFVFRYCRMLEEGSFRGRTADFVFMFLFGGVLMTLLGL LGSLFFLGQALMAMLVYVWSRRSPRVRVNFFGLLTFQAPFLPWALMGFSLLLGNLIL VDLLGIAVGHIIYFLEDVFPNQPGGKRLLQTPGFL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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	DERL3 Der1-like domain family, member 3 [Homo sapiens]
Official Symbol	DERL3
Synonyms	DERL3; Der1-like domain family, member 3; C22orf14, chromosome 22 open reading frame 14; derlin-3; derlin 3; FLJ43842; IZP6; MGC71803; DERtrin 3; DERtrin-3; der1-like protein 3; degradation in endoplasmic reticulum protein 3; LLN2; C22orf14;
Gene ID	91319
mRNA Refseq	NM_001002862
Protein Refseq	NP_001002862
MIM	610305
UniProt ID	Q96Q80

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