

Recombinant Human DERL2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. DERL2-2389H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	DERL2 MS Standard C13 and N15-labeled recombinant protein (NP_057125) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Proteins that are unfolded or misfolded in the endoplasmic reticulum (ER) must be refolded or degraded to maintain the homeostasis of the ER. DERL2 is involved in the degradation of misfolded glycoproteins in the ER.
Molecular Mass	27.6 kDa
AA Sequence	MAYQSLRLEYLQIPPVSRAYTTACVLTTAAVQLELITPFQLYFNPELIFKHFQIWRLITN FLFFGPVGFNFLFNMIFLYRYCRMLEEGSFRGRTADFVFMFLFGGFLMTLFGFLVSL VFLGQAFTIMLVYVWSRRNPYVRMNFGLLNFAQPLPWVLMGFSLLLGNLSIIVDLL GIAVGHYFFLEDVFPNQPGGIRILKTPSILKAIFDTPDEDPNYPNPLPEERPGGFAWGE GQRLGGTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

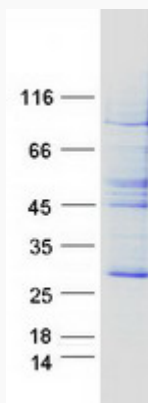
GENE INFORMATION

Gene Name	DERL2 derlin 2 [Homo sapiens (human)]
Official Symbol	DERL2
Synonyms	DERL2; Der1-like domain family, member 2; derlin-2; CGI 101; derlin 2; F LAN 1; F LANa; FLANa; DERtrin-2; carcinoma related; der1-like protein 2; degradation in endoplasmic reticulum protein 2; F-LANa; CGI-101; F-LAN-1;
Gene ID	51009
mRNA Refseq	NM_016041
Protein Refseq	NP_057125
MIM	610304
UniProt ID	Q9GZP9

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SDS-PAGE

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