Recombinant Human ERP29 Protein (40-251 aa), GST-tagged

Cat. No. ERP29-1215H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ERP29 Protein (40-251 aa) is produced by E. coli expression system. This protein is fused with a GST tag at the N-terminal. Research Area: Signal Transduction. Protein Description: Partial.
Species	Human
Source	E.coli
ProteinLength	40-251 aa
Description	Does not se to be a disulfide isomerase. Plays an important role in the processing of secretory proteins within the endoplasmic reticulum (ER), possibly by participating in the folding of proteins in the ER.
Form	Tris-based buffer,50% glycerol
Molecular Mass	51.0 kDa
AA Sequence	PLDTVTFYKVIPKSKFVLVKFDTQYPYGEKQDEFKRLAENSASSDDLLVAEVGISDYG DKLNMELSEKYKLDKESYPVFYLFRDGDFENPVPYTGAVKVGAIQRWLKGQGVYLG MPGCLPVYDALAGEFIRASGVEARQALLKQGQDNLSSVKETQKKWAEQYLKIMGKIL DQGEDFPASEMTRIARLIEKNKMSDGKKEELQKSLNILTAF
Purity	> 90% as determined by SDS-PAGE.

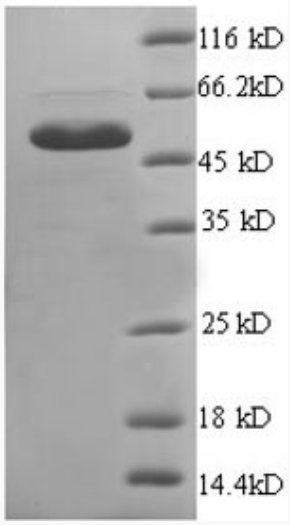
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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	ERP29 endoplasmic reticulum protein 29 [Homo sapiens]
Official Symbol	ERP29
Synonyms	ERP29; ERp28; ERp29; ERp31; PDI DB; PDIA9; PDI-DB; C12orf8;
Gene ID	10961
mRNA Refseq	NM_001034025
Protein Refseq	NP_001029197
MIM	602287
UniProt ID	P30040

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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