

Recombinant Human RER1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RER1-1220H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RER1 MS Standard C13 and N15-labeled recombinant protein (NP_008964) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a multi-pass membrane protein that is localized to the golgi apparatus. It is involved in the retention of endoplasmic reticulum (ER) membrane proteins in the ER and retrieval of ER membrane proteins from the early Golgi compartment to facilitate gamma-secretase complex assembly.
Molecular Mass	23 kDa
AA Sequence	MSEGDSVGESVHGKPSVVYRFFTRLGQIQSWLDKSTPYTAVRWVVTGLGSFVYMI RVYLLQGWIYIVTYALGIYHLNLFIAFLSPKVDPSLMEDSDDGPSLPTKQNEEFRPFIR RLPEFKFWHAATKGILVAMVCTFFDAFNVPVFWPILVMYFIMLFCITMKRQIKHMIKY RYIPFTHGKRRYRGKEDAGKAFASTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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.

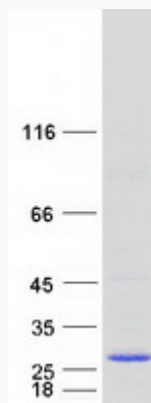
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	RER1 retention in endoplasmic reticulum sorting receptor 1 [Homo sapiens (human)]
Official Symbol	RER1
Synonyms	RER1; retention in endoplasmic reticulum sorting receptor 1; protein RER1; RER1 retention in endoplasmic reticulum 1 homolog
Gene ID	11079
mRNA Refseq	NM_007033
Protein Refseq	NP_008964
UniProt ID	O15258

SDS-PAGE



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