

Recombinant Human ERO1A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ERO1A-1362H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ERO1L MS Standard C13 and N15-labeled recombinant protein (NP_055399) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	ERO1A (Endoplasmic Reticulum Oxidoreductase 1 Alpha) is a Protein Coding gene. Diseases associated with ERO1A include Cholera. Among its related pathways are Detoxification of Reactive Oxygen Species and Neuropathic Pain-Signaling in Dorsal Horn Neurons. An important paralog of this gene is ERO1B.
Molecular Mass	54.4 kDa
AA Sequence	MGRGWGFLFGLLGAVWLLSSGHGEEQPPETAARQCFCQVSGYLDDCTCDVETIDR FNNYRLFPRRLQKLLESDYFRYYKVNLRPCPFWNDISQCGRRDCAVKPCQSDEVPD GIKSASYKYSEEANNLIEECEQAERLGAVDESLSEETQKAVLQWTKHDDSSDNFCE ADDIQSPEAEYVDLLLNPERYTGKGPDAWKIWNVIYEENCFKPQTIKRPLNPLASG QGTSEENTFYSWLEGLCVEKRAFYRLISGLHASINVHLSARYLLQETWLEKKWGHNI TEFQQRFDGILTEGEGPRRLKNLYFLYLIELRALSKVLPFFERPDLFTGNKIQDEE NKMLLLEILHEIKSFPLHFDENSFFAGDKKEAHKLKEDFRLHFRNISRIMDCVGCFC RLWGKLQTQGLGTALKILFSEKLIANMPESGPSYEFHLTRQEIVSLFNAFGRISTSVK ELENFRNLLQNIHTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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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.
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.

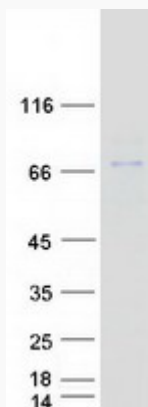
GENE INFORMATION

Gene Name	ERO1A endoplasmic reticulum oxidoreductase 1 alpha [Homo sapiens (human)]
Official Symbol	ERO1A
Synonyms	ERO1A; endoplasmic reticulum oxidoreductase 1 alpha; ERO1L; ERO1-L; ERO1LA; Ero1alpha; ERO1-alpha; ERO1-L-alpha; ERO1-like protein alpha; endoplasmic oxidoreductin-1-like protein; endoplasmic reticulum oxidoreductase alpha; oxidoreductin-1-L-alpha; EC 1.8.4.-
Gene ID	30001
mRNA Refseq	NM_014584
Protein Refseq	NP_055399
MIM	615435
UniProt ID	Q96HE7

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SDS-PAGE

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