

Recombinant Full Length Human ERO1A Protein, GST-tagged

Cat. No. ERO1A-4599HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ERO1L full-length ORF (AAH08674.1, 1 a.a. - 468 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	468 amino acids
Description	ERO1A (Endoplasmic Reticulum Oxidoreductase 1 Alpha) is a Protein Coding gene. Diseases associated with ERO1A include Cholera. Among its related pathways are Protein processing in endoplasmic reticulum and Metabolism of proteins. An important paralog of this gene is ERO1B.
Molecular Mass	80.8 kDa
AA Sequence	MGRGWGFLFGLLGAVWLLSSGHGEEQPPETAARQCFCQVSGYLDDCTCDVETIDR FNNYRLFPRQLQLLESDFRYKYNLKRPCPFWNDSQCGRRDCAVKPCQSDEVPD GKSASYKYSEEANNLIEECEQAERLGAVDESLSEETQKAVLQWTKHDDSSDNFCE ADDIQSPEAEYVDLLLNPERYTGYKGPDAWKIWNVIYEENCFKPQTIKRPLNPLASG QGTSEENTFYSWLEGLCVEKRAFYRLISGLHASINVHLSARYLLQETWLEKKWGHNI TEFQQRFDGILTEGEGPRRLKNLYFLYLIELRALSKVLPFFERPDFQLFTGNKIQDEE NKMLLLEILHEIKSFPLHFDENSFFAGDKKEAHKLKEDFRLHFRNISRIMDCVGCFC RLWGKLQTQGLGTALKILFSEKLIANMPESGPSYEFHLTRQEIVSLFNAFGRISTSVK KLENFRNLLQNIH

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) 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	ERO1A endoplasmic reticulum oxidoreductase 1 alpha [Homo sapiens (human)]
Official Symbol	ERO1A
Synonyms	ERO1A; endoplasmic reticulum oxidoreductase 1 alpha; ERO1L; ERO1-like (S. cerevisiae); ERO1 (S. cerevisiae) like; ERO1-like protein alpha; ERO1 alpha; ERO1A; ERO1-L; ERO1-L-alpha; oxidoreductin-1-L-alpha; endoplasmic oxidoreductin-1-like protein; ERO1-alpha;
Gene ID	30001
mRNA Refseq	NM_014584
Protein Refseq	NP_055399
MIM	615435
UniProt ID	Q96HE7

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