

Recombinant Human ERO1L Protein

Catalog #	Source	Reactivity	Applications
CRP1501	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human ERO1L Protein is produced by our mammalian expression system and the target gene encoding Glu24-His468 is expressed with a 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.

Gene Symbol ERO1L

Alternative Names ERO1-like protein alpha; ERO1-L; ERO1-L-alpha; Endoplasmic oxidoreductin-1-like protein; Oxidoreductin-1-L-alpha

Entrez Gene 30001 (Human)

SwissProt Q96HE7 (Human)

Purity

Chemical Structure EEQPPETAAQ RCFCQVSGYL DDCTCDVETI DRFNYYRLFP RLQKLLLESY FRYKVNLRK
PCPFWNDISQ CGRRDCAVKP CQSDVDPDI KSASYKYSEE ANNIEECEQ AERLGAVDES
LSEETQKAVL QWTKHDDSSD NFCEADDIQS PEAAYVDLLL NPERYTGKYG PDAWKIWNVI
YEENCFKPQT IKRPLNPLAS GQGTSEENTF YSWLEGLCVE KRAFYRLISG LHASINVHLS
ARYLLQETWL EKKWGHNITE FQQRFDGILT EGEPRRLKN LYFLYLIELR ALSKVLPPFE
RPDFQLFTGN KIQDEENKML LLEILHEIKS FPLHFDENSF FAGDKKEAHK LKEDFRLHFR
NISRIMDCVG CFKRLWGKL QTQGLGTALK ILFSEKLIAN MPESGPSYEF HLTRQEIVSL
FNAFGRISTS VKELENFRNL LQNIHVDHHH HHH

Quality Control Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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