

Recombinant Human ERP44 Protein

Catalog #	Source	Reactivity	Applications
CRP1503	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human ERP44 Protein is produced by our mammalian expression system and the target gene encoding Glu30-Asp402 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 10% Glycerol, pH 7.5.		
Gene Symbol	ERP44		
Alternative Names	KIAA0573; TXNDC4; Endoplasmic reticulum resident protein 44; ER protein 44; ERp44; Thioredoxin domain-containing protein 4		
Entrez Gene	23071 (Human)		
SwissProt	Q9BS26 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	<p>EITSLDTENI DEILNNADVA LVNFIYADWCR FSQMLHPIFE EASDVIKEEF PNENQVVFAR VDCDQHSDIA QRYRISKYPT LKLFNRNGMMM KREYRGQRSV KALADYIRQQ KSDPIQEIRD LAEITTLDRS KRNIIGYFEQ KSDSNYRVFE RVANILHDDC AFLSAFGDVS KPERYSGDNI IYKPPGHSAP DMVYLGAMTN FDVTYNWIQD KCVPLVREIT FENGEELTEE GLPFLILFHM KEDTESLEIF QNEVARQLIS EKG TINFLHA DCDKFRHPLL HIQKTPADCP VIAIDSRHMH YVFGDFKDVL IPGKCLKQFVF DLHSGKLRHRE FHHGPDPTDT APGEQAQDVA SSPPESSFQK LAPSEYRYTL LRDVDHHHHH H</p>		
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. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

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

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

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

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com