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Datasheet for ABIN7311496
Calnexin Protein (CANX) (AA 21-481) (His tag)

Overview

Quantity:	50 µg
Target:	Calnexin (CANX)
Protein Characteristics:	AA 21-481
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Calnexin protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Mass Spectrometry (MS)

Product Details

Purpose:	Recombinant Human CANX Protein is produced by our Mammalian expression system and the target gene encoding His21-Pro481 is expressed with a 6His tag at the C-terminus.
Sequence:	HDGHDDDDVID IEDDLDDVIE EVEDSKPDTT APPSSPKVTY KAPVPTGEVY FADSFDRGTL SGWILSKAKK DDTDDEIAKY DGKWEVEEMK ESKLPGDKGL VLMSRAKHHA ISAKLNKPFL FDTKPLIVQY EVNFQNGIEC GGAYVKLLSK TPELNLDQFH DKTPYTIMFG PDKCGEDYKL HFIFRHKNPK TGIYEEKHAK RPDADLKTYF TDKKTHLYTL ILNPDNSFEI LVDQSVVNSG NLLNDMTTPPV NPSREIEDPE DRKPEDWDER PKIPDPEAVK PDDWDEDAPA KIPDEEATKP EGWLDDEPEY VPDPDAEKPE DWDEDMDGEW EAPQIANPRC ESAPGCGVWQ RPVIDNPNYK GKWKPPMIDN PSYQGIWKPR KIPNPdffED LEPFRMTPFS AIGLELWSMT SDIFFDNFII CADRRIVDDW ANDGWGLKKA ADGAAEPGVV GQMIEAAEER PVDHHHHHHH
Purity:	Greater than 95 % as determined by SEC-HPLC and reducing SDS-PAGE.

Product Details

Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Target Details

Target:	Calnexin (CANX)
Alternative Name:	CANX (CANX Products)
Gene ID:	821
UniProt:	P27824
Pathways:	MAPK Signaling, Thyroid Hormone Synthesis

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	Supplied as a 0.2 µM filtered solution of 20 mM Tris-HCl, 150 mM NaCl, 2 mM CaCl ₂ , 10 % Glycerol, pH 7.5.
Handling Advice:	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 lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	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.