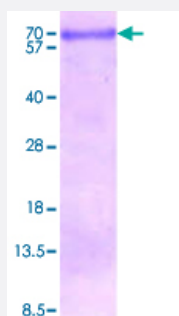


CANX (Human) Recombinant Protein

Catalog # P3543 Size 100 ug

Applications



Specification

Product Description	Human CANX (NP_001019820, 21 a.a. - 481 a.a.) partial recombinant protein expressed in <i>Escherichia coli</i> .
Sequence	MHDGHDDDDVIDIEDDLDDVIEEVEDSKPDTTAPPSSPKVTYKAPVPTGEVYFADSFDRGTLSGWILSKAKKDDTDDEIAKYDGKWEVEEMKESKLP GDKGLVLSRAKHHAISAKLNKPFLFDTKPLVQYEYVNFQNGIECGGAYVKLLSKTPELNLDQFHDKTPYTIMFGPDKCGEDYKLHFIFRHKNPKTGIYEEKHAKRPDADLKTYFTDKKTHLYTLINPDNSFEILVDQSVVNSGNLLNDMTTPPVNPSREIEDPEDRKPEDWDERPKIPDPEAVKPDDWDEDAPAKIPDEEATKPEGWLDDEPEYVPDPDAEKPEDWDEDMDGEWEAPQIANPRCESAPGCGVWQRPVIDNPNYKGKWKPPMIDNPSYQGMKPRKIPNPDFFEDLEPFRMTPFSAIGLELWSMTSDIFFDNFICADRRVDDWANDGWGLKKAADGAAEPGVVGQMIEAAEERP
Host	Escherichia coli
Theoretical MW (kDa)	52.5
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purification	Conventional Chromatography
Concentration	1 mg/mL
Purity	> 90% by SDS-PAGE

Quality Control Testing	Loading 3 ug protein in 15% SDS-PAGE
Storage Buffer	In 20 mM Tris-HCl buffer, pH 8.0 (1 mM DTT, 20% glycerol).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CANX

Entrez GeneID	821
Protein Accession#	NP_001019820
Gene Name	CANX
Gene Alias	CNX, FLJ26570, IP90, P90
Gene Description	calnexin
Omim ID	114217
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the calnexin family of molecular chaperones. The encoded protein is a calcium-binding, endoplasmic reticulum (ER)-associated protein that interacts transiently with newly synthesized N-linked glycoproteins, facilitating protein folding and assembly. It may also play a central role in the quality control of protein folding by retaining incorrectly folded protein subunits within the ER for degradation. Alternatively spliced transcript variants encoding the same protein have been described. [provided by RefSeq]
Other Designations	major histocompatibility complex class I antigen-binding protein p88

Pathway

- [Antigen processing and presentation](#)