Calnexin (lumenal domain) (human), (recombinant)

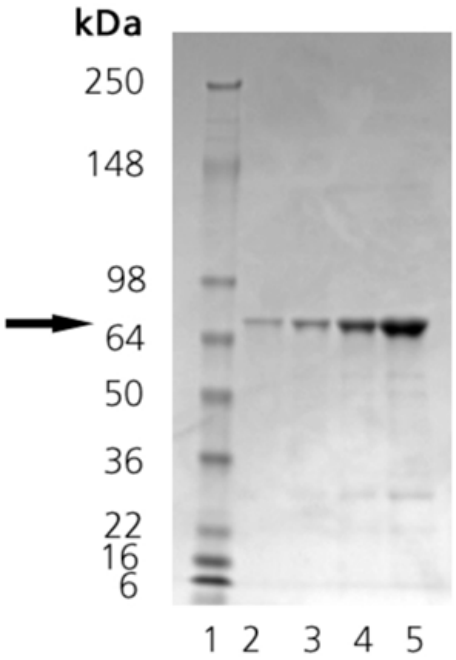
Calnexin (CNX), an abundant ~90 kDa molecular chaperone, is a resident type I transmembrane protein of the endoplasmic reticulum (ER) (ref.1,2). A majority of the calnexin protein resides in the luminal portion of the ER, and is the membrane-bound paralog of the soluble ER protein Calreticulin. In mammalian cells, calnexin and calreticulin (CRT) are lectins that play key roles in glycoprotein folding within the ER, specifically binding oligosaccharide intermediates that contain a single terminal GlcManGlcNAc residue. Calnexin associates with newly synthesized, incompletely folded monomeric glycoproteins as well as numerous oligomeric protein complexes, including

Citations: 1 View Online »

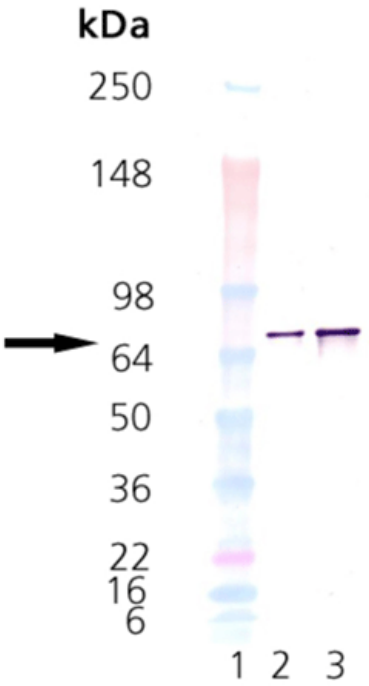
Ordering Information Order Online »

ADI-SPP-865-D	50µg

Manuals, SDS & CofA View Online »



SDS-PAGE analysis of Calnexin lumenal domain (Prod. No. ADI-SPP-865) stained with Coomassie. Lane 1: MWM, Lane 2: 0.5µg; Lane 3: 1µg; Lane 4: 2µg; Lane 5: 5µg



Western Blot analysis of Calnexin lumenal domain (Prod. No. ADI-SPP-865) probed with 1:1,000 dilution of Prod. No. ADI-SPA-865. Lane 1: MW marker, Lane 2: 50ng; Lane 3: 100ng

Handling & Storage

Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status RUO - Research Use Only

Product Details

Alternative Name	CNX
Application Notes	Western blot control.
Formulation	Liquid. In TRIS containing sodium chloride, 5% glycerol, and 5mM calcium chloride.
MW	~74kDa
Purity	≥85% (SDS-PAGE; Western blot) (full length protein)
Purity Detail	Purified by multi-step chromatography.
Source	Produced in *E. coli*.
UniProt ID	P27824

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ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

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