

Datasheet for ABIN7558756
CNKSR3 Protein (AA 1-555) (His tag)



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Overview

Quantity:	1 mg
Target:	CNKSR3
Protein Characteristics:	AA 1-555
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CNKSR3 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cnksr3 Protein expressed in mammalian cells.
Sequence:	<p>MEPVTKWSPK QVVDWTRGLD DCLQPYVHKF EREKIDGSQL LKISHQDLEE LGVTRIGHQE LVLEAVDLLC ALNYGLETDT MKNLVLKLRA SSHNLQNYIS SRRKSPAYDG NTSRKPPNEF LTSVVELIGA AKALLAWLDR APFTGITDLS VTKNKIIQLC LDLTTAVQKD CLIAEMEDKV LNVVKVLNGI CDKTMRSTTD PVMSQCACLE EVHLPNVRPG EGLGMYIKST YDGLHVITGT TENSPADRSQ KIHAGDEVIQ VNRQTVVGWQ LKNLVRKLRE NPTGVVLLLK KRPTGSFSFT PAPLKNLRWK PPLVQTSPPP TTTQSPETM DASLKKEKPA ILDLYIPPPP AVPYSPRDEN VSFGYRGHSK SKQPLPVRKG SESPNSFLDQ ESQRRRFTIA DSDQLPGYSV ETNVLPTKMR GKTPSYGKPR PLSMPADGNW MGIVDPFAKP RGNGRKGEDA LCRYFSNERI TPITEESASP MYRFSRPLTE RHLVRGADYI RGSRCYINS D LHSSATIPFQ EEGSKKKSAS SSAKASSGEP SLLVSWLTRL KLLTH Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>

Product Details

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: CNKSR3

Alternative Name: Cnksr3 ([CNKSR3 Products](#))

Background: Connector enhancer of kinase suppressor of ras 3 (Connector enhancer of KSR 3) (CNK homolog protein 3) (CNK3) (CNKSR family member 3) (Maguin-like protein),FUNCTION: Involved in transepithelial sodium transport. Regulates aldosterone-induced and epithelial sodium channel (ENaC)-mediated sodium transport through regulation of ENaC cell surface expression. Acts as a scaffold protein coordinating the assembly of an ENaC-regulatory complex (ERC). {ECO:0000269|PubMed:19567370, ECO:0000269|PubMed:22851176}.

Molecular Weight: 61.9 kDa

UniProt: [Q8BMA3](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
