

Datasheet for ABIN7552829
CABYR Protein (AA 1-493) (His tag)



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Overview

Quantity:	1 mg
Target:	CABYR
Protein Characteristics:	AA 1-493
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CABYR protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CABYR Protein expressed in mammalian cells.
Sequence:	<p>MISSKPRLVV PYGLKTLLEG ISRAVLKTNP SNINQFAAAY FQELTMYRGN TTMDIKDLVK QFHQIKVEKW SEGTPQKKL ECLKEPGKTS VESKVPTQME KSTDTDEDNV TRTEYSDKTT QFPSVYAVPG TEQTEAVGGL SSKPATPKTT TPPSSPPPTA VSPEFAYVPA DPAQLAAQML GKVSSIHSDQ SDVLMVDVAT SMPVVIKEVP SSEAAEDVMV AAPLVC SGKV LEVQVVNQTS VHVDLGSQPK ENEAEPSTAS SVPLQDEQEP PAYDQAPEVT LQADIEVMST VHISSVYNDV PVTEGVVYIE QLPEQIVIPF TDQVACLKEN EQSKENEQSP RVSPKSVVEK TTSGMSKKS ESVKLAQLEE NAKYSSVYME AEATALLSDT SLKGQPEVPA QLLDAEGAIAK IGSEKSLHLE VEITSIVSDN TGQEESEGENS VPQEMEGKPV LSGEAAEAVH SGTSVKSSSG PFPPAPEGLT APEIEPEGES TAE 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

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, Western Blot

Grade:

custom-made

Target Details

Target:

CABYR

Alternative Name:

CABYR ([CABYR Products](#))

Background:

Calcium-binding tyrosine phosphorylation-regulated protein (Calcium-binding protein 86) (Cancer/testis antigen 88) (CT88) (Fibrousheathin II) (Fibrousheathin-2) (FSP-2) (Testis-specific calcium-binding protein CBP86),FUNCTION: May function as a regulator of both motility- and head-associated functions such as capacitation and the acrosome reaction. Isoform 1 binds calcium in vitro. Isoform 2 and isoform 6 probably bind calcium. Isoform 3 and isoform 5 do not bind calcium in vitro. Isoform 4 probably does not bind calcium.

Molecular Weight:

52.8 kDa

UniProt:

[O75952](#)

Application Details

Application Notes:

In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a

Application Details

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