

Datasheet for ABIN7548412
HSPA14 Protein (AA 1-509) (His tag)



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Overview

Quantity:	1 mg
Target:	HSPA14
Protein Characteristics:	AA 1-509
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSPA14 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat HSPA14 Protein expressed in mammalien cells.
Sequence:	MAAIGVHLGC TSACVAVYKD GRAGVVANDA GDRVTPAVVA YSENEEIVGL AAKQSRIRNI SNTVMKVQKI LGRSSSDPQA QKYIAESKCL VIEKNGKRLRY EIDTGEETKF VNPEDVARLI FSKMKETAHS VLGSDANDVV ITVPFDGGEK QKNALGEAAR AAGFNVLRLLI HEPSAALLAY GIGQDSPTGK SNILVFKLGG TSLSLVMEV NSGIYRVLST NTDDNIGGAH FTETLAQYLA SEFQRSFKHD VRGNARAMMK LTNSAEVAKH SLSTLGSANC FLDSL YEGQD FDCNVSRARF ELLCSPLEFNK CIEAIRGLLD QNGFTADDIN KVVLCGGSSR IPKLQQLIKD LFPAVELLNS IPPDEVIPIG AAIEAGILIG KENLLVEDSL MIECSARDIL VKGVDESGAS RFTVLFPSGT PLPARRQHTL QAPGSISSVC LELYESDGKN SAKEETKFAQ VVLQDLDKKE NGLRDILAVL TMKRDGSLHV TCTDQETGKC EAISIEIAS 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.

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:

HSPA14

Alternative Name:

HSPA14 ([HSPA14 Products](#))

Background:

Heat shock 70 kDa protein 14 (HSP70-like protein 1) (Heat shock protein HSP60),FUNCTION: Component of the ribosome-associated complex (RAC), a complex involved in folding or maintaining nascent polypeptides in a folding-competent state. In the RAC complex, binds to the nascent polypeptide chain, while DNAJC2 stimulates its ATPase activity. {ECO:0000269|PubMed:16002468}.

Molecular Weight:

54.8 kDa

UniProt:

[Q0VDF9](#)

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 guarantee though.

Application Details

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