

Datasheet for ABIN7548391

HSPA4 Protein (AA 1-840) (His tag)



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Overview

Quantity:	1 mg
Target:	HSPA4
Protein Characteristics:	AA 1-840
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSPA4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant HSPA4 Protein expressed in mammalian cells.
Sequence:	<p>MSVVGIDLGF QSCYVAVARA GGIETIANEY SDRCTPACIS FGPKNRSIGA AAKSQVISNA</p> <p>KNTVQGFKRF HGRAFSDPFV EAEKSNLAYD IVQLPTGLTG IKVTYMEER NFTTEQVTAM</p> <p>LLSKLKETA SVLKKPVVDC VSVPCFYTD AERRSVMDAT QIAGLNCLRL MNETTAVALA</p> <p>YGIYKQDLPA LEEKPRNVVF VDMGHSAYQV SVCAFNRGKL KVLATAFDTT LGGRKFDEVL</p> <p>VNHFCEEFGK KYKLDIKSKI RALLRLSQC EKLKKLMSAN ASDPLSIEC FMNDVDVSGT</p> <p>MNRGKFLEMC NDLLARVEPP LRSVLEQTKL KKEDIYAVEI VGGATRIPAV KEKISKFFGK</p> <p>ELSTTLNADE AVTRGCALQC AILSPAFKVR EFSITDVVPY PISLRWNSPA EEGSSDCEVF</p> <p>SKNHAAPFSK VLTfYRKEPF TLEAYYSSPQ DLPYPDPAIA QFSVQKVTPQ SDGSSSKVKV</p> <p>KVRVNVHGIF SVSSASLVEV HKSEENEEPM ETDQNAKEEE KMQVDQEEPH VEEQQQQTTPA</p> <p>ENKAESEEME TSQAGSKDKK MDQPPQAKKA KVKTSTVDLP IENQLLWQID REMLNLYIEN</p> <p>EGKMIMQDKL EKERNDAKNA VEEYVYEMRD KLSGEYEKfV SEDDRNSFTL KLEDTENWLY</p> <p>EDGEDQPKQV YVDKLAELKN LGQPIKIRFQ ESEERPklfE ELGKQIQQYM KIISFfKNKE</p>

Product Details

DQYDHLDAAD MTKVEKSTNE AMEWMNNKLN LQNKQSLTMD PVVKSKEIEA KIKELTSTCS
PIISKPKPKV EPPKEEQKNA EQNGPVDGQG DNP GPQAAEQ GTDTAVPSDS DKKLPEMDID

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.

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: HSPA4

Alternative Name: HSPA4 ([HSPA4 Products](#))

Background: Heat shock 70 kDa protein 4 (HSP70RY) (Heat shock 70-related protein APG-2)

Molecular Weight: 94.3 kDa

UniProt: [P34932](#)

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