

Datasheet for ABIN7547538

HSC70 Interacting Protein HIP Protein (AA 1-369) (His tag)



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Overview

Quantity:	1 mg
Target:	HSC70 Interacting Protein HIP (ST13)
Protein Characteristics:	AA 1-369
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HSC70 Interacting Protein HIP protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ST13 Protein expressed in mammalian cells.
Sequence:	<p>MDPRKVNELR AFVKMCKQDP SVLHTEEMRF LREWVESMGG KVPPATQKAK SEENTKEEKP</p> <p>DSKKVEEDLK ADEPSSEESD LEIDKEGVIE PDTDAPQEMG DENAEITEEM MDQANDKKVA</p> <p>AIEALNDGEL QKAIDLFTDA IKLNPRLAIL YAKRASVFKV LQKPNAAIRD CDRAIEINPD</p> <p>SAQPYKWRGK AHRLLGHWEA AAHDLALACK LDYDEASAM LKEVQPRAQK IAEHRRKYER</p> <p>KREEREIKER IERVKKAREE HERAQREEEA RRQSGAQYGS FPGGFPGGMP GNFPGGMPGM</p> <p>GGGMPGMAGM PGLNEILSDP EVLAAMQDPE VMVAFQDVAQ NPANMSKYQS NPKVMNLISK</p> <p>LSAKFGGQA 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>
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:

Product Details

- 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:	HSC70 Interacting Protein HIP (ST13)
Alternative Name:	ST13 (ST13 Products)
Background:	Hsc70-interacting protein (Hip) (Aging-associated protein 2) (Progesterone receptor-associated p48 protein) (Protein FAM10A1) (Putative tumor suppressor ST13) (Renal carcinoma antigen NY-REN-33) (Suppression of tumorigenicity 13 protein),FUNCTION: One HIP oligomer binds the ATPase domains of at least two HSC70 Molecules dependent on activation of the HSC70 ATPase by HSP40. Stabilizes the ADP state of HSC70 that has a high affinity for substrate protein. Through its own chaperone activity, it may contribute to the interaction of HSC70 with various target proteins (By similarity). {ECO:0000250}.
Molecular Weight:	41.3 kDa
UniProt:	P50502

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.
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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