

Datasheet for ABIN7554124
HPS3 Protein (AA 1-1004) (His tag)



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Overview

Quantity:	1 mg
Target:	HPS3
Protein Characteristics:	AA 1-1004
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HPS3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat HPS3 Protein expressed in mammalian cells.
Sequence:	<p>MVQLYNLHPF GSQQVVPCKL EPDRFCGGGR DALFVAAGCK VEAFAVAGQE LCQPRCAFST</p> <p>LGRVRLAYS EAGDYLVAIE EKNKATFLRA YVNWRNKRTE NSRVCIRMIG HNVEGPFSKA</p> <p>FRDQMYIEM PLSEAPLCIS CCPVKGDLLV GCTNKLVLFS LKYQIINEEF SLLDFERSLI IHIDNITPVE</p> <p>VSFCVGYVAV MSDLEVLIVK LESGPKNGER VHHHPHKTNN RIRRTTEEGIS NEISQLESDD</p> <p>FVICQKPLEL LGEKSEQSGL SVTLESTGLA DEKRKYSHFQ HLLYRRFAPD ISSYVLSDDI</p> <p>KLHSLQLLPI YQTGSLTSDG KNLSQEKELL SLFCFFSLPH VGYLYMVVKS VELMSVYQYP</p> <p>EKSQQAVLTP QFLHVITSNN LQCFTVRCSA AAAREEDPYM DTTLKACPPV SMDVCALRIQ</p> <p>LFIGLKAICH FKNHIILLTK AEPEAIPERR QSPKRLLSRK DTSVKIKIPP VAEAGWNLYI VNTISPVQLY</p> <p>KEMVDYSNTY KTVKTQSCIH LLSEAHLLVR AALMDASQLE PGEKAELLEA FKESCGHLGD</p> <p>CYSRLDSQHS HLTLPYYKMS GLSMAEVLAR TDWTVEDGLQ KYERGLIFYI NHSLYENLDE</p> <p>ELNEELAARKV VQMFYVAEPK QVPHILCSPS MKNINPLTAM SYLRKLDTSF FSSILVTLTK</p>

AAVALKMGDL DMHRNEMKSH SEMKLVCGFI LEPRLLIQQR KGQIVPTELA LHLKETQPGL
LVASVLGLQK NNKIGIEEAD SFFKVLCAKD EDTIPQLLVD FWEAQLVACL PDVVLQELFF
KLTSQYIWRL SKRQPPDTP LRTSEDLINA CSHYGLIYPW VHVVISSDSL ADKNYTEDLS
KLQSLICGPS FDIASIIPFL EPLSEDTIAG LSVHVLCTR LKEYEQCIDI LLERCPEAVI PYANHELKEE
NRTLWWKKLL PELCQRIKCG GEKYQLYLSS LKETLSIVAV ELELKDFMNV LPEDGTATFF
LPYLLYCSRK KPLT **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.**

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:

HPS3

Alternative Name:

HPS3 ([HPS3 Products](#))

Background:

BLOC-2 complex member HPS3 (Hermansky-Pudlak syndrome 3 protein),FUNCTION: Involved in early stages of melanosome biogenesis and maturation. {ECO:0000250|UniProtKB:Q91VB4}.

Molecular Weight:

113.7 kDa

UniProt:

[Q969F9](#)

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.
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Restrictions:	For Research Use only
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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