

Datasheet for ABIN7564781
HPS3 Protein (AA 1-1002) (His tag)



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Overview

Quantity:	1 mg
Target:	HPS3
Protein Characteristics:	AA 1-1002
Origin:	Mouse
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 mammalien cells.
Sequence:	<p>MVRLYNLHPF GSQQVPCQW EPEQVCCGGS DALFVAAGCK VEAFAVQGEE LCRQRCAFST</p> <p>LGRVLRMAYS EAGDYLVAIE EKNKTIFLRA YVNWRSKRSD NSRVCIRMVG HNVEASFCE</p> <p>FRDQMSIEM PMSEAPLCFS CCPVKGDLLV GCTNKLVLFT LKYDIINEEF SILNFERSLI</p> <p>IHIDNITPVE ISFCVGYVAV MSDLEVLLLK LESDPIHGES VDHHPQETSN PLKEAEGVSN</p> <p>ETSQLESEDF VICLKPMELI GEKCEQSGIS VKLESTGLED EKVKYLRVRH LLYRRFAPDI</p> <p>SSYVLSJNIK LHSLLQLPIH QSGFHPDEND LSPKKEMPNI FCFSLPHVG YLYMVVKSVE</p> <p>LMSVYWYPEK SQAVALTPQF LHVITSQSLQ CFTVRCSSAAV AHEEDLYMDT TLKACPPVSM</p> <p>DVCALRIQLF IGLKAICHFK NHIILLTKAE PEAIPERRS PKKLISRKDA SVRSGTPHVA</p> <p>EAAWNLYLVN TTAPVQLYKE MVDYSNSYKT VKTESCLHLL SEAHLLVRAA LMDGSQLEPA</p> <p>EKAELLEAFK ESCGHLGDCY SRLTTEQSHL ALPYKMSGSL SLAEVLARVD WTEESQSKY</p> <p>ERGLVFYINH SLYENLDEEL SKELAAKVAQ IFHMAEPKQL PHVLSSPSMK NIDPLTALHY</p>

LRKLDSCGVS PVLVTLTKAA VALKMGDLDM YRNEMKSHSE MKLVYGFIL PRLLIQWKG
QIVPTELAID LKETQPGLLV ASVLGLQKND KIGIVETDSF FKVLGKDED AVPQLLIDFW
EAQLVACLPN VVLEELFFKL ISQYVWRLSE RRCPTDVPLR TAEDLINACS HYGLVNPWVH
VLTTSDSLAD KNYTDDLKL QSLICSPSLD VASIIPFLEP LSEDTVAGLS THALCHTRLQ
EYEQCIDTLL ERCPEAVIAY ANQELKEDHW ILWWKKLLPE LCQRVKSGGE RSHLHLSLLK
ETLSVIAVGL DLRDFLNVLP EDGAAFFLP YLLFCSRKKS LT **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 (Cocoa protein) (Hermansky-Pudlak syndrome 3 protein homolog),FUNCTION: Involved in early stages of melanosome biogenesis and maturation. {ECO:0000269|PubMed:11707070}.

Molecular Weight:

113.2 kDa

Target Details

UniProt: [Q91VB4](#)

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.

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