

## Product datasheet

# Recombinant Human HPS6 protein ab164119

1 Image

### Overview

<b>Product name</b>	Recombinant Human HPS6 protein
<b>Protein length</b>	Protein fragment

### Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ
<b>Amino Acid Sequence</b>	
<b>Species</b>	Human
<b>Sequence</b>	KDLVFEEACGYQRRSLRGAQLTPEELRHSSTFRAPQ ALASILQGHLPPS ALLTMLRTELRDYRGLEQLKAQLVAGDDEEAGWTELA EQEVARLLRTELI G
<b>Amino acids</b>	400 to 500
<b>Tags</b>	proprietary tag N-Terminus

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab164119** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	ELISA Western blot
<b>Form</b>	Liquid
<b>Additional notes</b>	Protein concentration is above or equal to 0.05 mg/ml.

### Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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## General Info

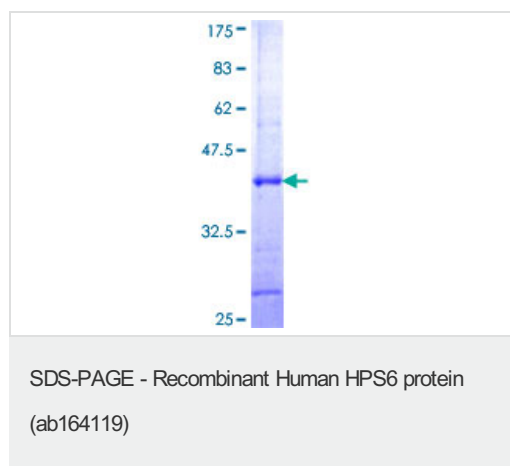
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<b>Function</b>	May regulate the synthesis and function of lysosomes and of highly specialized organelles, such as melanosomes and platelet dense granules.
<b>Tissue specificity</b>	Ubiquitous.
<b>Involvement in disease</b>	Defects in HPS6 are the cause of Hermansky-Pudlak syndrome type 6 (HPS6) [MIM:614075]. Hermansky-Pudlak syndrome (HPS) is a genetically heterogeneous, rare, autosomal recessive disorder characterized by oculocutaneous albinism, bleeding due to platelet storage pool deficiency, and lysosomal storage defects. This syndrome results from defects of diverse cytoplasmic organelles including melanosomes, platelet dense granules and lysosomes. Ceroid storage in the lungs is associated with pulmonary fibrosis, a common cause of premature death in individuals with HPS.
<b>Cellular localization</b>	Microsome membrane. Cytoplasm > cytosol. Early endosome membrane.

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## Images

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ab164119 on a 12.5% SDS-PAGE stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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