

# Recombinant Human Hemoglobin subunit alpha protein ab158638

1 Image

Description	
Product name	Recombinant Human Hemoglobin subunit alpha protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MVLSPADKTNVKAAWGKVGAHAGEYGAELERMFLSFP TTKTYFPFDLS HGSAQVKGHGKKVADALTNAVAHVDDMPNALSALSDLH AHKLRVDPVNFK LLSHCLLVTLAAHLPAEFTPAVHASLDKFLASVSTVLTSKY R
Amino acids	1 to 142
Tags	GST tag N-Terminus

Specifications	
Our <b>Abpromise guarantee</b> covers the use of <b>ab158638</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	Western blot ELISA
Form	Liquid
Additional notes	

Preparation and Storage	
Stability and Storage	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

## General Info

<b>Function</b>	Involved in oxygen transport from the lung to the various peripheral tissues.
<b>Tissue specificity</b>	Red blood cells.
<b>Involvement in disease</b>	Heinz body anemias Alpha-thalassemia Alpha(0)-thalassemia is associated with non-immune hydrops fetalis, a generalized edema of the fetus with fluid accumulation in the body cavities due to non-immune causes. Non-immune hydrops fetalis is not a diagnosis in itself but a symptom, a feature of many genetic disorders, and the end-stage of a wide variety of disorders. Hemoglobin H disease
<b>Sequence similarities</b>	Belongs to the globin family.
<b>Post-translational modifications</b>	The initiator Met is not cleaved in variant Thionville and is acetylated.

## Images



ab158638 on a 12.5% SDS-PAGE stained with Coomassie Blue.

SDS-PAGE - Recombinant Human Hemoglobin  
subunit alpha protein (ab158638)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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