abcam

Product datasheet

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 MVLSPADKTNVKAAWGKVGAHAGEYGAEALERMFLSFP

TTKTYFPHFDLS

HGSAQVKGHGKKVADALTNAVAHVDDMPNALSALSDLH

AHKLRVDPVNFK

LLSHCLLVTLAAHLPAEFTPAVHASLDKFLASVSTVLTSKY

R

Amino acids 1 to 142

Tags GST tag N-Terminus

Specifications

Our Abpromise guarantee covers the use of ab158638 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

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Constituents: 0.31% Glutathione, 0.79% Tris HCI

General Info

Function Involved in oxygen transport from the lung to the various peripheral tissues.

Tissue specificity Red blood cells.

Involvement in disease Heinz body anemias

Alpha-thalassemia

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.

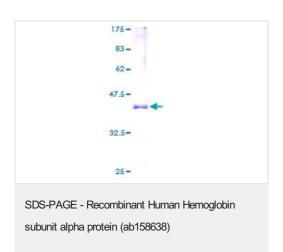
Hemoglobin H disease

Sequence similarities Belongs to the globin family.

Post-translational modifications

The initiator Met is not cleaved in variant Thionville and is acetylated.

Images



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

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