

Product datasheet

Recombinant Human Hemoglobin subunit beta protein ab158639

画像数 1

製品の詳細

製品名	Recombinant Human Hemoglobin subunit beta protein
発現系	Wheat germ
タンパク質長	Protein fragment
Animal free	No
由来	Recombinant
生物種	Human
配列	WTQRRFFESFGDLSTPDAVMGNPKVKAHGKKVLGAFSDGLAHL DNLKGTFA TLSELHCDKLHVDPENFRLLGNVLVCVLAHHFGKEFTPPVQA AYQKVVAG VANALPHKYH
領域	38 to 147
タグ	GST tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab158639** in the following tested applications.

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

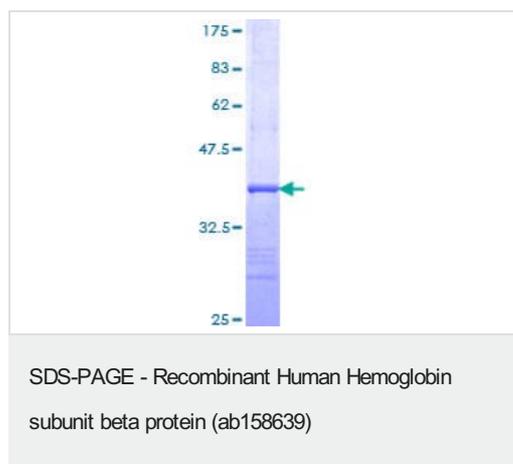
アプリケーション	Western blot ELISA
製品の状態	Liquid
備考	This product was previously labelled as Hemoglobin subunit beta.

前処理および保存

保存方法および安定性	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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機能	Involved in oxygen transport from the lung to the various peripheral tissues. LVV-hemorphin-7 potentiates the activity of bradykinin, causing a decrease in blood pressure. Spinorphin: functions as an endogenous inhibitor of enkephalin-degrading enzymes such as DPP3, and as a selective antagonist of the P2RX3 receptor which is involved in pain signaling, these properties implicate it as a regulator of pain and inflammation.
組織特異性	Red blood cells.
関連疾患	Heinz body anemias Beta-thalassemia Sickle cell anemia Beta-thalassemia, dominant, inclusion body type
配列類似性	Belongs to the globin family.
翻訳後修飾	Glucose reacts non-enzymatically with the N-terminus of the beta chain to form a stable ketoamine linkage. This takes place slowly and continuously throughout the 120-day life span of the red blood cell. The rate of glycation is increased in patients with diabetes mellitus. S-nitrosylated; a nitric oxide group is first bound to Fe(2+) and then transferred to Cys-94 to allow capture of O(2). Acetylated on Lys-60, Lys-83 and Lys-145 upon aspirin exposure.

画像



ab158639 on a 12.5% SDS-PAGE stained with Coomassie Blue.

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

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