

Datasheet for ABIN1046616

BLOC1S1 Protein (AA 1-153, full length) (GST tag)



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Overview

Quantity:	50 µg
Target:	BLOC1S1
Protein Characteristics:	AA 1-153, full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This BLOC1S1 protein is labelled with GST tag.
Application:	ELISA

Product Details

Sequence:	MAPGSRGERS SFRSRRGPGV PSPQPDVTML SRLLKEHQAK QNERKELQEK RRREAITAAT CLTEALVDHL NVGVAQAYMN QRKLDHEVKT LQVQAAQFAK QTGQWIGMVE NFNQALKEIG DVENWARSIE LDMRTIATAL EYVYKGLQS APS
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	90 %

Target Details

Target:	BLOC1S1
Alternative Name:	Biogenesis of lysosome-related organelles complex 1 subunit 1 protein (BLOC1S1 Products)
Background:	The BLOC-1 complex is required for normal biogenesis of lysosome-related organelles, such as

Target Details

platelet dense granules and melanosomes. Plays a role in intracellular vesicle trafficking.

Molecular Weight: 44.7 kD

UniProt: [P78537](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

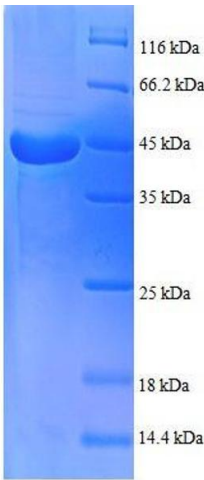
Storage: -20 °C

Storage Comment: Store at -20 °C for extended storage, conserve at -20 °C or -80 °C

Publications

Product cited in: Watanabe, Fujiwara, Shinomiya, Kuga, Hishigaki, Nakamura, Hirai: "Molecular cloning of a novel human cDNA, RT14, containing a putative ORF highly conserved between human, fruit fly, and nematode." in: **DNA research : an international journal for rapid publication of reports on genes and genomes**, Vol. 2, Issue 5, pp. 235-7, (1997) ([PubMed](#)).

Inoue, Isomura, Ikegawa, Fujiwara, Shin, Moriya, Nakamura: "Isolation and characterization of a human cDNA clone (GCN5L1) homologous to GCN5, a yeast transcription activator." in: **Cytogenetics and cell genetics**, Vol. 73, Issue 1-2, pp. 134-6, (1996) ([PubMed](#)).



SDS-PAGE

Image 1. Biogenesis of Lysosomal Organelles Complex-1, Subunit 1 (BLOC1S1) (AA 1-153), (full length) protein (GST tag)