Human BLOC1S2 Protein

Cat. No. BS2-HE001

Description

Source	Recombinant Human BLOC1S2 Protein is expressed from E.coli without tag.
	It contains Phe2-Arg99.
Accession	Q6QNY1-2
Molecular Weight	The protein has a predicted MW of 11.35 kDa same as Bis-Tris PAGE result.
Endotoxin	Less than 1EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 90% as determined by HPLC

Formulation and Storage

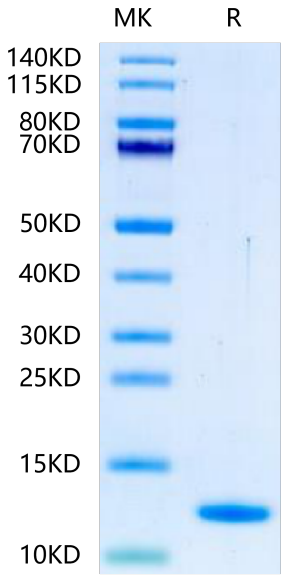
Formulation	Lyophilized from 0.22μm filtered solution in PBS, 150mM NaCl (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months after reconstitution.Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Background

BLOC1S2 (Biogenesis of lysosome-related organelles complex-1 subunit 2) protein is widely expressed in normal tissue as well as in malignant tumors with a tendency towards lower expression levels in certain subtypes of tumors. On the subcellular level, BLOC1S2 is expressed in an organellar-like pattern and co-localizes with mitochondria.

Assay Data

Bis-Tris PAGE



Human BLOC1S2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

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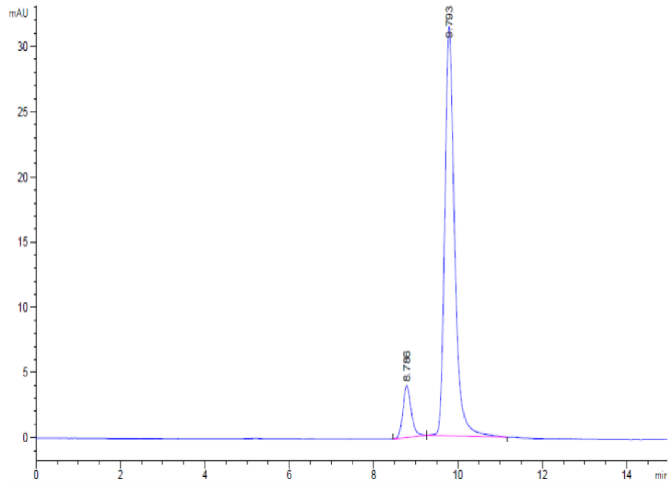
Assay Data



The purity of Human BLOC1S2 is greater than 90% as determined by SEC-HPLC.