

Recombinant Human BLOC1S3 293 Cell Lysate

Cat. No. BLOC1S3-8442HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Source	HEK293
Description	Antigen standard for biogenesis of lysosomal organelles complex-1, subunit 3 (BLOC1S3) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
Applications	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the

 Tel: 1-631-559-9269 1-516-512-3133

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

Gene Name [BLOC1S3 biogenesis of lysosomal organelles complex-1, subunit 3 \[Homo sapiens \]](#)

Official Symbol [BLOC1S3](#)

Synonyms [RP](#); [HPS8](#); [BLOS3](#); biogenesis of lysosome-related organelles complex 1 subunit 3; [BLOC-1 subunit 3](#); reduced pigmentation, mouse, homolog of; biogenesis of lysosome-related organelles complex-1, subunit 3

Gene ID [388552](#)

mRNA Refseq [NM_212550](#)

Protein Refseq [NP_997715](#)

UniProt ID [Q6QNY0](#)

Chromosome Location [19q13.32](#)

Pathway [Clathrin derived vesicle budding, organism-specific biosystem](#); [Golgi Associated Vesicle Biogenesis, organism-specific biosystem](#); [Membrane Trafficking, organism-specific biosystem](#)

Function [molecular_function](#); [protein binding](#)

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