

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product datasheet for PH302351

BLOC1S2 (NM_001001342) Human Mass Spec Standard

Product data:

Nescription:BLOCIS2 MS Standard C13 and N15-labeled recombinant protein (NP_001001342)Species:HumanSpecies:HEK293Expression DNA Composition of AA Sequence: or AA Sequence: Red=Coloning site Green=Tags(s)Preteir Sequence: Red=Coloning site Green=Tags(s)Species: Red=Coloning site Green=Tags(s)Tag:CMy/DDKTag:CMy/DDKProteir Sequence: Red=Coloning site Green=Tags(s)Species: Red=Coloning site Green=Tags(s)Tag:CMy/DDKSpecies:Species: Red=Coloning site Green=Tags(s)Fars:CMy/DDKFars:CMy/DDKFars:CMy/DCKFars:CMy/DCKSpecies:Species: Red=Coloning Site Green=Tags(s)Fars:CMy/DDKFars:CMy/DCKFars:CMy/DCKFars:CMy/DCKFars:CMy/DCKFars:CMy/DCKFars:CMy/DCKFars:CMy/DCKFars:CMy/DCKFars:CMy/DCKFars:CMy/DCKFars:CMy/DCKFars:CMy/DCKFars:CMFars:CM/DCCFars:CM/DCCFars:CM/DCCFars:CM/DCCFars:CM/DCCFars:CM/DCCFars:CM/DCCFars:CM/DCCFars:CM/DCCFars:CM/DCCFars:CM/DCCFars:CM/DCCFars:CM/DCCFars: <th>Product Type:</th> <th>Mass Spec Standards</th>	Product Type:	Mass Spec Standards
Fxpression Host:HEK293Fxpression DNA ClossR202351Predicted MW:1.5 kDaPredicted MW:1.5 kDaProtein Sequence:Rc202351 protein sequence Red=Cloning site Green-Tags(s)Protein Sequence:RC202351 protein sequence Red=Cloning site Green-Tags(s)Tag:TMTRPLEQKLISEDLANDILDYKDDDDKVTag:CMy/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodHabeling Method:Labeled with [L-13C6, 15N4]-L-Arginine and [L-13C6, 15N2]-L-LysineStorage:Stora 4.80°C. Avoid repeated freeze-thaw cycles.Storage:Storage:Apploi001342Stabelford in group of products under proper storage and handling conditionsRefseq ORF:972Aproxpms:BLOS2; DCAS2; CEAP; CEAP11Locus ID:B2091Lorus ID:BCON1	Description:	BLOC1S2 MS Standard C13 and N15-labeled recombinant protein (NP_001001342)
Presision cDNA CloomRC202351Predicted MW:1.5 kDaProtein Sequence:RC202351 protein sequenceProtein Sequence:RC202351 protein sequenceRed=Cloning site Green=Tags(s)MFSKMATYLTGELTATSEDYKLLENMNKLTSLKYLEMKDIAINISRNLKDLNQKYAGLQPYLDQINVIEEVALEQAAYKLDAYSKKLEAKYKKLEKRTarreneokultaringCMyc/DDKTag:CMyc/DDKPurity:80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:0.05 µg/µL as determined by microplate BCA methodBuffer:0.05 µg/µL as determined by microplate BCA methodStorage:Store at -80°C. Avoid repeated freeze-thaw cycles.Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:0.01001342RefSeq ORF:972Argseq ORF:910232Storage:2023Storage:2032Storage	Species:	Human
or AA Sequence:Predicted MW:11.5 kDaProtein Sequence: Red=Cloning site Green=Tags(s)Protein Sequence: Red=Cloning site Green=Tags(s)MFSKMATYLTGELTATSEDYKLLENMNKLTSLKYLEMKDIAINISRNLKDLNQKYAGLQPYLDQINVIEE QVALEQAAYKLDAYSKKLEAKYKKLEKRTag:CMyc/DDKTag:CMyc/DDKPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingGoncentration:>0.05 µg/µL as determined by microplate BCA methodBuffer:Labeled with [U-13C6, 15N4]-LArginine and [U-13C6, 15N2]-L-LysineBuffer:Stom Arris-HCI, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq ORF:2722RefSeq ORF:297Synonyms:BL052; BORC52; CEAP; CEAP11Locus ID:Q6QNY1	Expression Host:	HEK293
Protein Sequence: Red=Cloning site Green=Tags(s)WFSKMATYLTGELTATSEDYKLLENNNKLTSLKYLEMKDIAINISRNLKDLNQKYAGLQPYLDQINVIEE QVAALEQAAYKLDAYSKKLEAKYKKLEKRTag:TTRRPLEQKLISEEDLAANDILDYKDDDDKVPurity:<80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:<0.05 µg/µ as determined by microplate BCA methodIabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:Stole for 3 months from receipt of products under proper storage and handling conditions.RefSeq ORF:2972Stonoyms:BLOS2; BORCS2; CEAP; CEAP11Locus ID:QSONY1	•	RC202351
Red=Cloning site Green=Tags(s)MFSKMATYLTGELTATSEDYKLLENMNKLTSLKYLEMKDIAINISRNLKDLNQKYAGLQPYLDQINVIEE QVAALEQAAYKLDAYSKKLEAKYKKLEKRTag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 001001342RefSeq ORF:297Synonyms:BLOS2; BORCS2; CEAP; CEAP11Locus ID:282991UniProt ID:QGQNY1	Predicted MW:	11.5 kDa
QVAALEQAAYKLDAYSKKLEAKYKKLEKRTRTRPLEQKLISEEDLAANDILDYKDDDDKVTag:C-Myc/DDKPurity:>80% as determined by SDS-PAGE and Coomassie blue stainingPurity:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq Size:197RefSeq ORF:297Synonyms:BLOS2; BORCS2; CEAP; CEAP11Locus ID:GONY1	Protein Sequence:	
Tag:C-Myc/DDKPurity:> 80% as determined by SDS-PAGE and Coomassie blue stainingConcentration:> 0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCI, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 001001342RefSeq ORF:297Synonyms:BLOS2; BCRCS2; CEAP1Locus ID:282991UniProt ID:GoONY1		
Purity:> 80% as determined by SDS-PAGE and Coomassie blue stainingPurity:> 80% as determined by microplate BCA methodConcentration:> 0.05 μg/μL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 001001342RefSeq ORF:297Synonyms:BLOS2; BORCS2; CEAP; CEAP11Locus ID:282991UniProt ID:OGONY1		TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Concentration:>0.05 µg/µL as determined by microplate BCA methodLabeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 001001342RefSeq Size:2722RefSeq ORF:297Synonyms:BLOS2; BORCS2; CEAP; CEAP11Locus ID:282991UniProt ID:OGONY1	Tag:	C-Myc/DDK
Labeling Method:Labeled with [U-13C6, 15N4]-L-Arginine and [U-13C6, 15N2]-L-LysineBuffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 001001342RefSeq Size:2722RefSeq ORF:297Synonyms:BLOS2; BORCS2; CEAP; CEAP11Locus ID:282991UniProt ID:06QNY1	Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:25 mM Tris-HCl, 100 mM glycine, pH 7.3Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 001001342RefSeq Size:2722RefSeq ORF:297Synonyms:BLOS2; BORCS2; CEAP; CEAP11Locus ID:282991UniProt ID:Q6QNY1	Concentration:	>0.05 μg/μL as determined by microplate BCA method
Storage:Store at -80°C. Avoid repeated freeze-thaw cycles.Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 001001342RefSeq Size:2722RefSeq ORF:297Synonyms:BLOS2; BORCS2; CEAP; CEAP11Locus ID:282991UniProt ID:Q6QNY1	Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Stability:Stable for 3 months from receipt of products under proper storage and handling conditions.RefSeq:NP 001001342RefSeq Size:2722RefSeq ORF:297Synonyms:BLOS2; BORCS2; CEAP; CEAP11Locus ID:282991UniProt ID:Q6QNY1	Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
RefSeq: NP 001001342 RefSeq Size: 2722 RefSeq ORF: 297 Synonyms: BLOS2; BORCS2; CEAP; CEAP11 Locus ID: 282991 UniProt ID: Q6QNY1	Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
RefSeq Size:2722RefSeq ORF:297Synonyms:BLOS2; BORCS2; CEAP; CEAP11Locus ID:282991UniProt ID:Q6QNY1	Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq ORF: 297 Synonyms: BLOS2; BORCS2; CEAP; CEAP11 Locus ID: 282991 UniProt ID: Q6QNY1	RefSeq:	<u>NP 001001342</u>
Synonyms: BLOS2; BORCS2; CEAP; CEAP11 Locus ID: 282991 UniProt ID: Q6QNY1	RefSeq Size:	2722
Locus ID: 282991 UniProt ID: Q6QNY1	RefSeq ORF:	297
UniProt ID: <u>Q6QNY1</u>	Synonyms:	BLOS2; BORCS2; CEAP; CEAP11
	Locus ID:	282991
Cytogenetics: 10q24.31	UniProt ID:	Q6QNY1
	Cytogenetics:	10q24.31

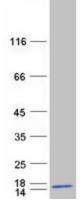


This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

SLOC1S2 (NM_001001342) Human Mass Spec Standard – PH302351

Summary:This gene encodes a protein with multiple functions. The encoded protein has been found in
association with the centrosome, shown to co-localize with gamma-tubulin, and also found to
be one of the proteins in the BLOC-1 complex which functions in the formation of lysosome-
related organelles. A pseudogene of this gene is located on the X chromosome. Alternative
splicing results in multiple transcript variants. [provided by RefSeq, Feb 2012]

Product images:



Coomassie blue staining of purified BLOC1S2 protein (Cat# [TP302351]). The protein was produced from HEK293T cells transfected with BLOC1S2 cDNA clone (Cat# [RC202351]) using MegaTran 2.0 (Cat# [TT210002]).

This product is to be used for laboratory only. Not for diagnostic or therapeutic use. ©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US