

Product datasheet for PH323738

OSBP2 (NM_030758) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OSBP2 MS Standard C13 and N15-labeled recombinant protein (NP_110385)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223738
Predicted MW:	101.2 kDa
Protein Sequence:	>RC223738 protein sequence Red=Cloning site Green=Tags(s)

MGKAAAPSRGGGCGGRSRLSSLFTVVPCLSCHTAAPGMSASTSGSGPEPKPQPQVPEPERGPLSEQVS
EAVSEAVPRSEPVSETTSEPEPGAGQPSELLQGSRPGSESSSGVGAGPFTKAASEPLSRAVGSATFLRPE
SGSLPALKPLPLLRPGQAKTPLGVPMSGTGTSSAPLALLPLDSFEGWLLKWTNYLKGYYRQRFVGLGNGL
LSYYRNQGEMAHTCRGTINLSTAHIDTEDSCGILLTSGARSYHLKASSEVDRQQWITALELAKAKAVRVM
NTHSDDSGDDDEATTPADKSELHHTLKNLSLKLDDLSTCNLDIAKHGAALQRSLTELDGLKIPSESGEKL
KVVNERATLFRITSNAMINACRDFLELAEIHSRKWQALQYEQEQRVHLEETIEQLAKQHNSLERAFHSA
PGRPANPSKSFIEGSLTPKGEDSEDEDETEYFDAMEDSTSFITVITEAKEDRKAEGSTGTSVSDWSSAD
NVLDGASLVKPGSSKVKRRVRIPNKPNSLNLWSIMKNCIGRELSRIPMPVNFNEPLSMLQRLTEDLEYH
HLLDKAVHCTSSVEQMCLVAAFVSSYSTTVHRIAKPFNPMLGETFELDRLLDMGLRSLCEQVSHHPPSA
AHYVFSKHGWSLWQEITISSKFRGKYISIMPLGAIHLEFQASGNHYVWRKSTSTVHNIIVGKLWIDQSGD
IEIVNHKTNDRCQLKFLPYSYFSKEAARKVTGVVSDSQGKAHYVLSGSWDEQMECSKVMHSSPSSPSSDG
KQKTVYQTL SAKLLWKYPLPENAENMYFSELALTLNEHEEGVAPTDSRLRPDQRLMEKGRWDEANTEK
QRLEEKQRLSRRRREACGPGSSCSSEEEKEADAYTPLWFEKRLDPLTGEMACVYKGGYWEAKEKQDWHM
CPNIF

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
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.

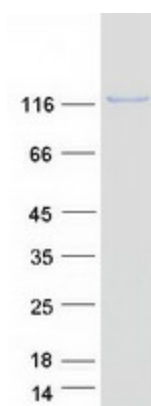


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RefSeq:	NP_110385
RefSeq Size:	4349
RefSeq ORF:	2745
Synonyms:	HLM; ORP-4; ORP4; OSBPL1; OSBPL4
Locus ID:	23762
UniProt ID:	Q969R2
Cytogenetics:	22q12.2

Summary: The protein encoded by this gene contains a pleckstrin homology (PH) domain and an oxysterol-binding region. It binds oxysterols such as 7-ketocholesterol and may inhibit their cytotoxicity. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Sep 2013]

Product images:



Coomassie blue staining of purified OSBP2 protein (Cat# [TP323738]). The protein was produced from HEK293T cells transfected with OSBP2 cDNA clone (Cat# [RC223738]) using MegaTran 2.0 (Cat# [TT210002]).