

Product datasheet for TP323738

OSBP2 (NM_030758) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human oxysterol binding protein 2 (OSBP2), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223738 protein sequence Red =Cloning site Green =Tags(s)

MGKAAAPSRGGGCGGRSRGLSSLFTVVPCLSCHTAAPGMSASTSGSGPEPKPQPQVPEPERGPLSEQVS
EAVSEAVPRSEPVSETTSEPEPGAGQPSELLQGSRPGESESSGAGPFTKAASEPLSRAVGSATFLRPE
SGSLPALKPLPLLRPGQAKTPLGVPMSTGTTSSAPLALLPLDSFEGWLLKWTNYLKGYYRRWFVLGNGL
LSYYRNQGEMAHTCRGTINLSTAHIDTEDSCGILLTSGARSYHLKASSEVDRQQWITALELAKAKAVRVM
NTHSDDSGDDDEATTPADKSELHHTLKNLSLKLDDLSTCNDLIAKHGAALQRSLTELDGLKIPSESGEKL
KVVNERATLFRITSNAMINACRDFLELAEIHSRKWQRALQYEQEQRVHLEETIEQLAKQHNSLERAFHSA
PGRPANPSKSFIEGSLTTPKGEDSEDEDETEYFDAMEDSTSFITVITEAKEDRKAEGSTGTSSVDWSSAD
NVLDGASLVPKGSSKVKRRVRIPNKPNSLNLWSIMKNCIGRELSRIPMPVNFNEPLSMLQRLTEDLEYH
HLLDKAVHCTSSVEQMCLVAAFSVSSYSTTVHRIAKPFNPMLGETFELDRLDDMGLRSLCEQVSHHPPSA
AHYVFSKHGWSLWQEITISSKFRGKYISIMPLGAIHLEFQASGNHYVWRKSTSTVHNIIVGKLWIDQSGD
IEIVNHKTNDRCQLKFLPYSYFSKEAARKVTGVSDSQGKAHYVLSGSWDEQMECSKVMHSSPSSSDG
KQKTVYQTLAKLLWKYPLPENAENMYFSELALTLNEHEEGVAPTDSRLRPDQRLMEKGRWDEANTEK
QRLEEKQRLSRRRRLEACGPGSSCSSEEEKEADAYTPLWFEEKRLDPLTGEMACVYKGGYWEAKEKQDWHM
CPNIF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

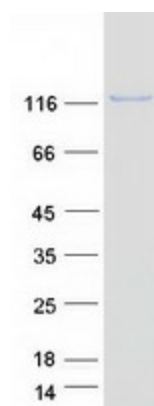
Tag:	C-Myc/DDK
Predicted MW:	101.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_110385
Locus ID:	23762
UniProt ID:	Q969R2
RefSeq Size:	4349
Cytogenetics:	22q12.2
RefSeq ORF:	2745
Synonyms:	HLM; ORP-4; ORP4; OSBPL1; OSBPL4
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]).