Recombinant Human OSBP2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. OSBP2-628H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	OSBP2 MS Standard C13 and N15-labeled recombinant protein (NP_110385) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	101.2 kDa
AA Sequence	MGKAAAPSRGGGCGGRSRGLSSLFTVVPCLSCHTAAPGMSASTSGSGPEPKPQP QPVPEPERGPLSEQVSEAVSEAVPRSEPVSETTSEPEPGAGQPSELLQGSRPGSE SSSGVGAGPFTKAASEPLSRAVGSATFLRPESGSLPALKPLPLLRPGQAKTPLGVP MSGTGTTSSAPLALLPLDSFEGWLLKWTNYLKGYQRRWFVLGNGLLSYYRNQGEM AHTCRGTINLSTAHIDTEDSCGILLTSGARSYHLKASSEVDRQQWITALELAKAKAVR VMNTHSDDSGDDDEATTPADKSELHHTLKNLSLKLDDLSTCNDLIAKHGAALQRSLT ELDGLKIPSESGEKLKVVNERATLFRITSNAMINACRDFLELAEIHSRKWQRALQYEQ EQRVHLEETIEQLAKQHNSLERAFHSAPGRPANPSKSFIEGSLLTPKGEDSEEDEDT EYFDAMEDSTSFITVITEAKEDRKAEGSTGTSSVDWSSADNVLDGASLVPKGSSKVK

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	RRVRIPNKPNYSLNLWSIMKNCIGRELSRIPMPVNFNEPLSMLQRLTEDLEYHHLLDK AVHCTSSVEQMCLVAAFSVSSYSTTVHRIAKPFNPMLGETFELDRLDDMGLRSLCE QVSHHPPSAAHYVFSKHGWSLWQEITISSKFRGKYISIMPLGAIHLEFQASGNHYVW RKSTSTVHNIIVGKLWIDQSGDIEIVNHKTNDRCQLKFLPYSYFSKEAARKVTGVVSD SQGKAHYVLSGSWDEQMECSKVMHSSPSSPSSDGKQKTVYQTLSAKLLWKKYPLP ENAENMYYFSELALTLNEHEEGVAPTDSRLRPDQRLMEKGRWDEANTEKQRLEEK QRLSRRRRLEACGPGSSCSSEEEKEADAYTPLWFEKRLDPLTGEMACVYKGGYWE AKEKQDWHMCPNIFTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	OSBP2 oxysterol binding protein 2 [Homo sapiens (human)]
Official Symbol	OSBP2
Synonyms	OSBP2; oxysterol binding protein 2; OSBPL1; oxysterol-binding protein 2; KIAA1664; ORP 4; ORP4; OSBP-related protein 4; oxysterol binding protein-like 1; oxysterol binding protein-related protein 4; oxysterol-binding protein-related protein 4; ORP-4; OSBPL4;

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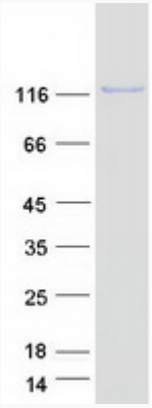
Gene ID	23762
mRNA Refseq	NM_030758
Protein Refseq	NP_110385
MIM	606729
UniProt ID	Q969R2
SDS-PAGE	

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