

Recombinant Human OSBPL5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. OSBPL5-4924H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	OSBPL5 MS Standard C13 and N15-labeled recombinant protein (NP_001137535) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of intracellular lipid receptors that play a key role in the maintenance of cholesterol balance in the body. Most members contain an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain. This gene has been shown to be imprinted, with preferential expression from the maternal allele only in placenta. Transcript variants encoding different isoforms have been identified.
Molecular Mass	90.6 kDa
AA Sequence	MKEEAFLLRRRFSLCPPSSTPQKVDPRKLTRNLLSGDNELYPLSPGKDMEPNGPSL PRDEGPPTPSSATKVPPAEYRLCNGSDKECVSPTARVTKKETLKAQKENYRQEKKR ATRQLLSALTDPSVIMADSLKGPKGESVGSITQPLPSSYLIFRAASESDGRCWLDAL ELALRCSSLLRLGTCKPGRDGEPGTSPDASPSSLCGLPASATVHPDQDLFPLNGSS LENDASFSDKSERENPEESDTETQDHSRKTESGSDQSETPGAPVRRGTTYVEQVQE ELGELGEASQVETVSEENKSLMWTLKQLRPGMDLSRVVLPTFVLEPRSFNLKLS

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YYYHADLLSRAAVEEDAYS RMKLVLRWYLSGFYKKPKGIKKPYNPILGETFRCCWFH
 PQTDSRTFYIAEQVSHHPPVSAFHVSNRKDGFCISGSITAKSRFYGNSLSALLDGKA
 TLTFNLRAEDYTLTMPYAHCKGILYGTMTLELGGKVTIECAKNNFQAQLEFKLPFFG
 GSTSINQISGKITSGEEVLASLSGHWDRDVFIKEEGSGSSALFWTPSGEVRRQRLRQ
 HTVPLEEQTELESERLWQHVTRAISKGDQHRATQEKFALEEAQRQRARERQESLM
 PWKPQLFHLDPITQEWYHYRYEDHSPWDPLKDIAQFEQDGILRTLQQEAVARQTTFL
 GSPGPRHERSGPDQRLRKASDQPSGHSQATESSGSTPESCPELSDEEQDGDGDFVP
 GGESPCPRCRKEARRLQALHEAILSIREAQQELHRHLSAMLSSTARAAQAPTPGLLQ
 SPRSWFLLCVFLACQLFINHILKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 OSBPL5 oxysterol binding protein-like 5 [Homo sapiens (human)]

Official Symbol OSBPL5

Synonyms OSBPL5; oxysterol binding protein-like 5; oxysterol-binding protein-related protein 5; KIAA1534; ORP5; ORP-5; OSBP-related protein 5; oxysterol-binding protein homolog 1; oxysterol-binding protein homologue 1; OBPH1; FLJ42929;

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Gene ID	114879
mRNA Refseq	NM_001144063
Protein Refseq	NP_001137535
MIM	606733
UniProt ID	Q9H0X9
SDS-PAGE	