

# 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

MKEEAFLLRRRFSLCPPSSTPQKVDPRKLTRNLLLSGDNELYPLSPGKDMEPNGPSL  
 PRDEGPPTPSSATKVPPAEYRLCNGSDKECVSPTARVTKKETLKAQKENYRQEKKR  
 ATRQLLSALTDPSVIMADSLKGPKGESVGSITQPLPSSYLIFRAASESDGRCWLDAL  
 ELALRCSSLLRLGTCKPGRDGEPGTSPDASPSSLCGLPASATVHPDQDLFPLNGSS  
 LENDAFSDKSERENPEESDTETQDHSRKTESGSDQSETPGAPVRRGTTYVEQVQE  
 ELGELGEASQVETVSEENKSLMWTLKQLRPGMDLSRVVLPFVLEPRSFNLKLS

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YYYHADLLSRAAVEEDAYSRMKLVLRWYLSGFYKKPKGIKKPYNPILGETFRCCWFH  
 PQTDSRTFYIAEQVSHHPPVSAFHVSNRKGDFCISGSITAKSRFYGNLSALLDGKA  
 TLTLFLNRAEDYTLTMPYAHCKGILYGTMTLELGGKVTIECAKNNFQAQLEFKLKPFFG  
 GSTSINQISGKITSGEEVLASLSGHWDRDVFIEEGSGSSALFWTPSGEVRRQRLRQ  
 HTVPLEEQTELESERLWQHVTRAIKGDQHRATQEKFALEEAQRQRARERQESLM  
 PWKPQLFHLDPITQEWYHYRYEDHSPWDPLKDIAQFEQDGLRRTLQQEAVARQTTFL  
 GSPGPRHERSGPDQRLRKASDQPSGHSQATESSGSTPESCELSDEEQDGFVP  
 GGESPCPRCRKEARRLQALHEAILSIREAQQELHRHLSAMLSSTARAAQAPTGLLQ  
 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

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