

Product datasheet for TP327756L

OSBPL5 (NM_001144063) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human oxysterol binding protein-like 5 (OSBPL5), transcript variant 3, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC227756 representing NM_001144063 Red=Cloning site Green=Tags(s) |

MKEEAFRRRFLCPPSSTPQKVDPRKLTRNLLSGDNELYPLSPGKDMEPNGPSLPRDEGPPTPSSATK
VPPAEYRLCNGSDKECVSPTARVTKKELTKAQKENYRQEKKRATRQLLSALTDPSWIMADSLKGPKGES
VGSITQPLPSSYLIFRAASESDGRCWLDALALRCSSLLRLGTCKPGRDGEPGTSPDASPSSLCGLPAS
ATVHPDQDLFPLNGSSLENDAFSDKSERENPEESDTETQDHSRKTESGSDQSETPGAPVRRGTTYVEQVQ
EELGELGEASQVETVSEENKSLMWTLKQLRPGMDLSRVLPTFVLEPRSFLNKLSDYYYHADLLSRAAV
EEDAYSRMKLVLRWYLSGFYKPKGIKKPYNPILGETFRCCWFHPQTDSRTFYIAEQVSHHPPVSAFHVS
NRKDGFCISGSITAKSRFYGNSLSALLDGKATLTLNRAEDYTLMPYAHCKGILYGTMTLELGGKVTIE
CAKNNFQAQLEFKLPPFFGGSTSINQISGKITSGEEVLASLSGHWDRDVFKEEGSGSSALFWTPSGEVR
RQRLRQHTVPLEEQTELESERLWQHVTRAISKGDQHRATQEKFALEEAQRQRARERQESLMPWKPQLFHL
DPITQEWYRYEDHSPWDPLKDIAQFEQDGILRTLQQEAVARQTTFLGSPGPRHERSGPDQRLRKASDQP
SGHSQATESSGSTPESCELSDEEQDGDVFPGGESPCPRCRKEARRLQALHEALSIREAQQLHRHLSA
MLSSTARAAQAPTPGLLQSPRSWFLLCVFLACQLFINHILK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

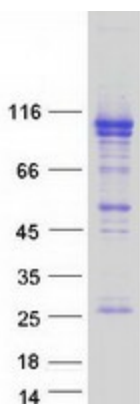
| | |
|----------------|--|
| Tag: | C-Myc/DDK |
| Predicted MW: | 90.6 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | 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_001137535 |
| Locus ID: | 114879 |
| UniProt ID: | Q9H0X9 |
| Cytogenetics: | 11p15.4 |
| RefSeq ORF: | 2433 |
| Synonyms: | OBPH1; ORP5 |
| Summary: | 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. [provided by RefSeq, Oct 2010] |

Product images:



Coomassie blue staining of purified OSBPL5 protein (Cat# [TP327756]). The protein was produced from HEK293T cells transfected with OSBPL5 cDNA clone (Cat# [RC227756]) using MegaTran 2.0 (Cat# [TT210002]).