

Product datasheet for TP304250L

OSBP1 (OSBP) (NM_002556) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Recombinant protein of human oxysterol binding protein (OSBP), 1 mg
Species: Human
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >RC204250 representing NM_002556
Red=Cloning site Green=Tags(s)

MAATELRGVVGPAAIAALGGGGAGPPVVGGGGGRGDAGPGSGAASGTWAAAAGGPGPGAGGVAAAGP
 APAPPTGGSGGSGAGGSGSAREGWLFKWTNYIKGYQRRWFVLSNGLLSYYRSKAEMRHTCRGTINLATAN
 ITVEDSCNFIISSNGGAQTYHLKASSEVERQRWVTALELAKAKAVKMLAESDESGDEESVSQTDKTELQNT
 LRTLSSKVEDLSTCNDLIAKHGTALQRSLSELESKLPAESNEKIKQVNERATLFRITSNAMINACRDFL
 MLAQTHSKKWQKSLQYERDQRIRLEETLEQLAKQHNHLERAFRGATVLPANTPGNVGSGKDQCCSGKGD
 SDEDDENEFFDAPEIITMPENLGHKRTGSNISGASSDISLDEQYKHQLEETKKEKRTRIPYKPNYSLNLW
 SIMKNCIGKELSKIPMPVNFNEPLSMLQRLTEDLEYHELDRAAKCENSLEQLCYVAAFTVSSYSTTVFR
 TSKPFNPILLGETFELDRLEENGYRSLCEQVSHHPAAAHAESKNGWTLRQEIKITSKFRGKYL
 SIMPLG
 TIHCIFHATGHHYTWKKVTTTVDHNIIVGKLVWIDQSGEIDIVNHKTGDKCNLKFVPYYSFRDVAR
 KVTGE
 VTDPSGKVFHALLGTWDEKMECFKVPVIGENGGDARQRGHEAESRVMLWKRNP
 LKNAENMYFSELA
 LTLNAWESGTAPTDSRLRPDQRLMENGWRWDEANAQKRLQRLSRKKREAEAMKATEDGTPYDPYKAL
 WFERKKDPVTKELTHIYRGEYWECKEKQDWSSCPDIF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

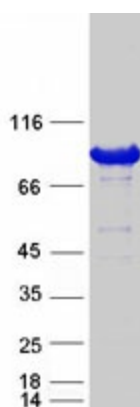
Tag: C-Myc/DDK
Predicted MW: 89.2 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.



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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_002547
Locus ID:	5007
UniProt ID:	P22059
RefSeq Size:	5083
Cytogenetics:	11q12.1
RefSeq ORF:	2421
Synonyms:	OSBP1
Summary:	Oxysterol binding protein is an intracellular protein that is believed to transport sterols from lysosomes to the nucleus where the sterol down-regulates the genes for the LDL receptor, HMG-CoA reductase, and HMG synthetase [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified OSBP protein (Cat# [TP304250]). The protein was produced from HEK293T cells transfected with OSBP cDNA clone (Cat# [RC204250]) using MegaTran 2.0 (Cat# [TT210002]).