

Recombinant Full Length Human OSBP Protein, C-Flag-tagged

Cat. No. OSBP-774HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human OSBP Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	89.2 kDa
AA Sequence	MAATELRGVVGP GPAAIAALGGGGAGPPVVG GGGGRGDAGPGSGAASGTVVAAA AGGPGPGAGGVAAAGP APAPPTGGSGGSGAGGSGSAREGWLFKWTNYIKGYQR RWFVLSNGLLSYYRSKAEMRHTCRG TINLATAN ITVEDSCNFIISNGGAQTYHLKAS SEVERQRWVTALELAKAKAVKMLAESDESGDEESVSQTDKTELQNT LRTLSSKVED LSTCNDLIAKHGTALQRSLSLESLKLP AESNEKIKQVNERATLFRITSNAMINACRDF L MLAQTHSKKWQKSLQYERDQ RIRLEETLEQLAKQHNHLERAFRGATVLPANTPG NVGSGKDQCCSGKGDM SDEDDENEFFDAPEIITMPENLG HKRTGSNISGASSDISL DEQYKHQLEETKKEKRTRIPYKPNYSLNLW SIMKNCIGKELSKIPMPVNFNEPLSML QRLTEDLEYHELLDRAAKCENSLEQLCYVAAFTVSSYSTTVFR TSKPFNPLLGETFE LDRLEENGYRSLCEQVSHHPPAAAHHAESKNGWTLRQEIKITSKFRGKYLSIMPLG T

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

IHCIFHATGHHYTWKKVTTTTVHNIIVGKLWIDQSGEIDIVNHKTGDKCNLKFVPYSYFS
 RDVARKVTGE VTDPSGKVHVFALLGTWDEKMECFKVQPVIGENGGDARQRGHEAE
 ESRVMLWKRNP LPKNAENMY YFSELA LTLNAWESGTAPTDSRLRPDQRLMENG R
 WDEANA EKQRLEEKQRLSRKKREAEAMKATEDGTPYDPYKAL
 WFERKKDPVTKELTHIYRGEYWECKEKQDWSSCPDIFTRTRPLEQKLISEEDLAAND
 ILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

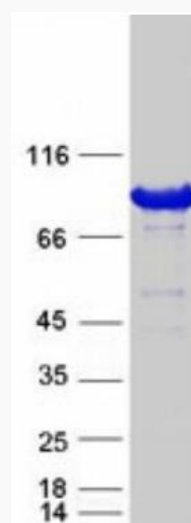
Gene Name	OSBP oxysterol binding protein [Homo sapiens (human)]
Official Symbol	OSBP
Synonyms	OSBP1

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Gene ID	5007
mRNA Refseq	NM_002556.3
Protein Refseq	NP_002547.1
MIM	167040
UniProt ID	P22059



Coomassie blue staining of purified OSBP protein.