

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

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human OSBP Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	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.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	89.2 kDa
<b>AA Sequence</b>	<p>MAATELRGVVGPAAIAALGGGGAGPPVVGGGGGRGDAGPGSGAASGTVVAAA  AGGPGPGAGGVAAAGP APAPPTGGSGGSGAGGSGSAREGWLFKWTNYIKGYQR  RWFVLSNGLLSYYRSKAEMRHTCRGTINLATAN ITVEDSCNFIISNGGAQTYHLKAS  SEVERQRWVTALELAKAKAVKMLAESDESGDEESVSQTDKTELQNT LRTLSSKVED  LSTCNDLIAKHGTALQRSLSLESLKLPAESNEKIKQVNERATLFRITSNAMINACRDF  L MLAQTHSKKWQKSLQYERDQRIRLEETLEQLAKQHNHLERAFRGATVLPANTPG  NVGSGKDQCCSGKGDMSDEDDENEFFDAPEIITMPENLGHKRTGSNISGASSDISL  DEQYKHQLEETKKEKRTRIPYKPNYSLNLW SIMKNCIGKELSKIPMPVNFNEPLSML  QRLTEDLEYHELLDRAAKCENSLEQLCYVAAFTVSSYSTTVFR TSKPFNPLLGETFE  LDRLEENGYRSLCEQVSHHPPAAAHHAESKNGWTLRQEIKITSKFRGKYLSIMPLG T</p>

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Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

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

IHCIFHATGHHYTWKKVTTTTVHNIIVGKLWIDQSGEIDIVNHKTGDKCNLKFVPYSYFS  
 RDVARKVTGE VTDPSGKVHVFALLGTWDEKMECFKVQPVIGENGGDARQRGHEAE  
 ESRVMLWKRNPLPKNAENMYYFSELA LTLNAWESGTAPTDSRLRPDQRLMENGR  
 WDEANAEEKQRLEEKQRLSRKKREAEAMKATEDGTPYDPYKAL  
 WFERKKDPVTKELTHIYRGEYWECKEKQDWSSCPDIFTRTRPLEQKLISEEDLAAND  
 ILDYKDDDDKV

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

## GENE INFORMATION

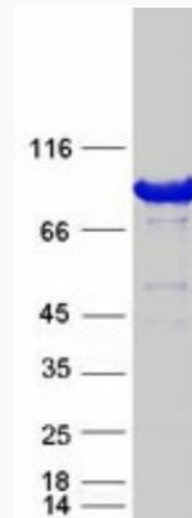
<b>Gene Name</b>	OSBP oxysterol binding protein [ Homo sapiens (human) ]
<b>Official Symbol</b>	OSBP
<b>Synonyms</b>	OSBP1

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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.

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