

Product datasheet for PH304250

OSBP1 (OSBP) (NM_002556) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	OSBP MS Standard C13 and N15-labeled recombinant protein (NP_002547)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204250
Predicted MW:	89.2 kDa
Protein Sequence:	>RC204250 representing NM_002556 Red=Cloning site Green=Tags(s)

MAATELRGVVGPAAIAALGGGAGPPVVGGGGRGDAGPGSGAASGTVVAAAAGGPGAGGVAAGP
APAPPTGGSGGAGGSGSAREGWLFKWTNYIKGYQRRWFLSNGLLSYRSKAEMRHTCRGTINLATAN
ITVEDSCNFIISNGGAQTYHLKASSEVERQRWVTALELAKAKAVKMLAESDESGDEESVSQTDKTELQNT
LRTLSSKVEDLSTCNDLIAKHGTALQRSLESESLKLPAESNEKIKQVNERATLFRITSNAMINACRDFL
MLAQTHSKKWQKSLQYERDQIRILEETLEQLAKQHNHLERAFRGATVLPANTPGNVGSGKDQCCSGKGD
SDEDDENEFFDAPEIITMPENLGHKRTGSNISGASSDISLDEQYKHQLEETKKEKRTRIPYKPNYSLNLW
SIMKNCIGKELSKIPMPVNFNEPLSMLQRLTEDLEYHELLDRAAKCENSLEQLCYAAFTVSSYSTTVFR
TSKPFNPLLGETFELDRLEENGYRSLCEQVSHPPAAAHHAESKNGWTLRQEIKITSKFRGKYLSIMPLG
TIHCIFHATGHHYTWKVTTTVHNIIVGKLWIDQSGEIDIVNHKTGDKCNLKFVYPSYFSRDVARKVTGE
YTDPSGKVHVFALLGTWDEKMECFKVPVIGENGDARQRGHEAEESRVMLWKRNPLPKNAENMYFSELA
LTLNAWESGAPTDSRLRPDQRLMENGRWDEANAQKQRLLEEKQRLSRKKREAEAMKATEDGTPYDPYKAL
WFERKKDPVTKELTHIYRGEYWECKEKQDWSSCPDIF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

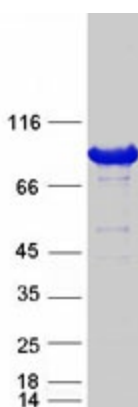
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_002547



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RefSeq Size:	5083
RefSeq ORF:	2421
Synonyms:	OSBP1
Locus ID:	5007
UniProt ID:	P22059
Cytogenetics:	11q12.1
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]).