

## **Product datasheet for TP321053**

#### OriGene Technologies, Inc.

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### OSBPL9 (NM\_148908) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human oxysterol binding protein-like 9 (OSBPL9), transcript variant 5,

20 µg

Species: Human Expression Host: HEK293T

**Expression cDNA Clone** >RC221053 representing NM\_148908 or AA Sequence: Red=Cloning site Green=Tags(s)

MASIMEGPLSKWTNVMKGWQYRWFVLDYNAGLLSYYTSKDKMMRGSRRGCVRLRGAVIGIDDEDDSTFTI
TVDQKTFHFQARDADEREKWIHALEETILRHTLQLQGLDSGFVPSVQDFDKKLTEADAYLQILIEQLKLF
DDKLQNCKEDEQRKKIETLKETTNSMVESIKHCIVLLQIAKSTINPVDAIYQPSPLEPVISTMPSQTVLP
PEPVQLCKSEQRPSSLPVGPVLATLGHHQTPTPNSTGSGHSPPSSSLTSPSHVNLSPNTVPEFSYSSSED
EFYDADEFHQSGSSPKRLIDSSGSASVLTHSSSGNSLKRPDTTESLNSSLSNGTSDADLFDSHDDRDDDA
EAGSVEEHKSVIMHLLSQVRLGMDLTKVVLPTFILERRSLLEMYADFFAHPDLFVSISDQKDPKDRMVQV
VKWYLSAFHAGRKGSVAKKPYNPILGEIFQCHWTLPNDTEENTELVSEGPVPWVSKNSVTFVAEQVSHHP
PISAFYAECFNKKIQFNAHIWTKSKFLGMSIGVHNIGQGCVSCLDYDEHYILTFPNGYGRSILTVPWVEL
GGECNINCSKTGYSANIIFHTKPFYGGKKHRITAEIFSPNDKKSFCSIEGEWNGVMYAKYATGENTVFVD
TKKLPIIKKKVRKLEDQNEYESRSLWKDVTFNLKIRDIDAATEAKHRLEERQRAEARERKEKEIQWETRL

FHEDGECWVYDEPLLKRLGAAKH

**TRTRPL**EQKLISEEDLAANDILDYKDDDDK**V** 

Tag: C-Myc/DDK
Predicted MW: 81.6 kDa

Concentration:  $>0.05 \mu g/\mu L$  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.



#### OSBPL9 (NM\_148908) Human Recombinant Protein - TP321053

Storage: Store at -80°C.

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 683706

**Locus ID:** 114883

UniProt ID: Q96SU4, Q8TAS8

RefSeq Size: 2880 Cytogenetics: 1p32.3 RefSeq ORF: 2169

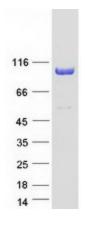
Synonyms: ORP-9; ORP9

**Summary:** This gene encodes a member of the oxysterol-binding protein (OSBP) family, a group of

intracellular lipid receptors. Most members contain an N-terminal pleckstrin homology domain and a highly conserved C-terminal OSBP-like sterol-binding domain, although some members contain only the sterol-binding domain. This family member functions as a cholesterol transfer protein that regulates Golgi structure and function. Multiple transcript variants, most of which encode distinct isoforms, have been identified. Related pseudogenes have been identified on

chromosomes 3, 11 and 12. [provided by RefSeq, Jul 2010]

# **Product images:**



Coomassie blue staining of purified OSBPL9 protein (Cat# TP321053). The protein was produced from HEK293T cells transfected with OSBPL9 cDNA clone (Cat# [RC221053]) using MegaTran 2.0 (Cat# [TT210002]).