

Recombinant Full Length Human OSGIN1 Protein, Flag tagged

Cat. No. OSGIN1-33HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein of human oxidative stress induced growth inhibitor 1 (OSGIN1), transcript variant 1 with Flag tag was expressed in HEK293.
Species	Human
Source	HEK293T
ProteinLength	1-477 aa
Description	This gene encodes an oxidative stress response protein that regulates cell death. Expression of the gene is regulated by p53 and is induced by DNA damage. The protein regulates apoptosis by inducing cytochrome c release from mitochondria. It also appears to be a key regulator of both inflammatory and anti-inflammatory molecules. The loss of this protein correlates with uncontrolled cell growth and tumor formation. Naturally occurring read-through transcription exists between this gene and the neighboring upstream malonyl-CoA decarboxylase (MLYCD) gene, but the read-through transcripts are unlikely to produce a protein product.
Molecular Mass	60.7 kDa
Purity	> 80% by SDS-PAGE and Coomassie blue staining
Note	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

 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

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.
Storage Buffer	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Concentration	> 0.05 µg/µL as determined by microplate BCA method
Shipping	Dry ice

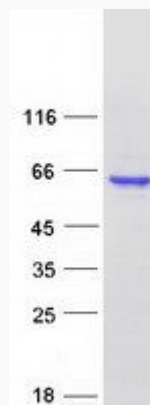
GENE INFORMATION

Gene Name	OSGIN1 oxidative stress induced growth inhibitor 1 [Homo sapiens (human)]
Official Symbol	OSGIN1
Synonyms	OSGIN1; oxidative stress induced growth inhibitor 1; BDGI; OKL38; oxidative stress-induced growth inhibitor 1; BMSC-derived growth inhibitor; bone marrow stromal cell-derived growth inhibitor; ovary, kidney and liver protein 38; pregnancy-induced growth inhibitor OKL38
Gene ID	29948
mRNA Refseq	NM_013370
Protein Refseq	NP_037502
MIM	607975
UniProt ID	Q9UJX0

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SDS-PAGE

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