

Recombinant Human WDR45L, His-tagged

Cat. No. WDR45L-31542TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 139-344 of Human WDR45L with N terminal His tag; 206 amino acids, 25kDa.
Species	Human
Source	E.coli
ProteinLength	139-344 a.a.
Description	This gene encodes a member of the WIPI or SVP1 family of WD40 repeat-containing proteins. The protein contains seven WD40 repeats that are thought to fold into a beta-propeller structure that mediates protein-protein interactions, and a conserved motif for interaction with phospholipids. The human genome contains several pseudogenes of this gene.
Conjugation	HIS
Tissue specificity	Ubiquitously expressed. Highly expressed in heart, skeletal muscle and pancreas. Up-regulated in a variety of tumor tissues including ovarian and uterine cancers.
Form	Lyophilised:Reconstitute with 104 µl aqua dest.
Storage buffer	Preservative: None Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5

 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

Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	YNPKGLCVLCPNSNNSLLAFPGTHTGHVQLVDLASTEKPP VDIPAHEGVLSCIALNL QGTRIATASEKGTLRIFDTS SGHLIQELRRGSQAANIYCINFNQDASLICVSSDHGTV HI FAAEDPKRNKQSSLASASFLPKYFSSKWSFSKFQVPSG SPCICAFGTEPNAVIAI CADGSYYKFLFNPKGECIRDV YAQFLEMTDDKL
Sequence Similarities	Belongs to the WD repeat SVP1 family.Contains 2 WD repeats.

GENE INFORMATION

Gene Name	WDR45L WDR45-like [Homo sapiens]
Official Symbol	WDR45L
Synonyms	WDR45L; WDR45-like; WD repeat domain phosphoinositide-interacting protein 3; WIPI3;
Gene ID	56270
mRNA Refseq	NM_019613
Protein Refseq	NP_062559
MIM	609226
Uniprot ID	Q5MNZ6
Chromosome Location	17q25.3

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Function

phosphatidylinositol-3,5-bisphosphate binding;

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