

Recombinant Full Length Human WDR77 Protein, GST-tagged

Cat. No. WDR77-6136HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MEP50 full-length ORF (AAH01679, 1 a.a. - 342 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	342 amino acids
Description	WDR77 is a component of the 20S PRMT5 (MIM 604045)-containing methyltransferase complex, which modifies specific arginines to dimethylarginines in several spliceosomal Sm proteins (see MIM 601061). This modification targets Sm proteins to the survival of motor neurons (SMN) complex (see MIM 600354) for assembly into small nuclear ribonucleoprotein core particles (Friesen et al., 2002 [PubMed 11756452]).[supplied by OMIM]
Molecular Mass	63.36 kDa
AA Sequence	MRKETPPPLVPPAAREWNLPNAPACMERQLEAARYRSDGALLLGASSLSGRCWAGSLWLFKDPKCAAPNEGFCAGVQTEAGVADLTWVGGERGILVASDSGAVELWELDENETLIVSKFCKYEHDDIVSTVSVLSSGTQAVSGSKDICKVWDLAQVVLSSYRAHAAQVTCVAASPHKDSVFLSCSEDNRILLWDTRCPKSPASQIGCSAPGYLPTSLAWHPQQSEVFVFGDENGTVSLVDTKSTSCVLSSAVHSQCVTGLVFSHPHVPFLASLSEDCSLAVLDSSLSELFERSQAHRDFVRDATWSPLNHSLLTTVGWDHQVHHVVPTEPLPAPGPASVTE

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	WDR77 WD repeat domain 77 [Homo sapiens]
Official Symbol	WDR77
Synonyms	WDR77; WD repeat domain 77; methylosome protein 50; MEP50; androgen receptor cofactor p44; WD repeat-containing protein 77; p44; MEP-50; HKMT1069; Nbla10071; p44/Mep50; MGC2722; RP11-552M11.3;
Gene ID	79084
mRNA Refseq	NM_024102
Protein Refseq	NP_077007
MIM	611734
UniProt ID	Q9BQA1

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