

Recombinant Human WDR77 protein, His-tagged

Cat. No. WDR77-12H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WDR77 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is an androgen receptor coactivator that forms a complex with protein arginine methyltransferase 5, which modifies specific arginines to dimethylarginines in several spliceosomal Sm proteins. The encoded protein may be involved in the early stages of prostate cancer, with most of the protein being nuclear-localized in benign cells but cytoplasmic in cancer cells. Several transcript variants encoding different isoforms have been found for this gene.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl. Store at -80C. Avoid repeated freeze-thaw cycles.
Molecular Mass	36.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Concentration	>50 ug/mL as determined by microplate BCA method

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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
Chromosome Location	1p13.2
Pathway	Gene expression, organism-specific biosystem; Metabolism of non-coding RNA, organism-specific biosystem; Signaling events mediated by HDAC Class I, organism-specific biosystem; snRNP Assembly, organism-specific biosystem;
Function	ligand-dependent nuclear receptor transcription coactivator activity; protein binding;

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