

Recombinant Human WDR6 protein, His-tagged

Cat. No. WDR6-3721H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WDR6 protein(NP_001307475.1)(833-1121 aa) was expressed in E. coli with a N-terminal His Tag.
Species	Human
Source	E.coli
ProteinLength	833-1121 aa
Description	This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of approximately 40 amino acids typically bracketed by gly-his and trp-aspartic (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. The encoded protein interacts with serine/threonine kinase 11, and is implicated in cell growth arrest. Alternative splicing results in multiple transcript variants encoding different isoforms.
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
Bio-activity	Not tested.
AA Sequence	MHLSSSHRLDEYWDRQNRHRMVKVDPETRYMSLAVCELDQPGLGPLVAAACSDG AVRLFLLQDSGRILQLLAETFHHKRCVLKVHSFTHEAPNQRRRLLLCSAATDGS LAFWDLTTMLDHDSTVLEPPVDPGLPYRLGTPSLTLQAHSCGINSHTLPTRREGHHLVAS

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	GSEDGSLHVFVLAVEMQLQEEAVGEAGLVPQLRVLEEYSVPCAHAHVTGLKILSPS IMVSASIDQRLTFWRLGHGEPTFMNSTVFHVPDVADMDCWVPSPEFGHRCALGGQ GLEVYNWYD
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Applications	Blocking peptide
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details). If a different concentration is needed for your purposes please adjust the reconstitution volume as required (please note: the ion concentration of the final solution will vary according to the volume used). Note: Centrifuge vial before opening. When reconstituting, gently pipet and wash down the sides of the vial to ensure full recovery of the protein into solution.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature (see below).

GENE INFORMATION

Gene Name **WDR6 WD repeat domain 6 [Homo sapiens (human)]**

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Official Symbol	WDR6
Synonyms	FLJ10218; FLJ52552; FLJ56107; MGC126756; MGC142027
Gene ID	11180
mRNA Refseq	NM_001320546.3
Protein Refseq	NP_001307475.1
MIM	606031
UniProt ID	Q9NNW5
SDS-PAGE of WDR6-3721H	