

Recombinant Full Length Human WD repeat domain 4 Protein, Flag tagged

Cat. No. WDR4-10HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human WD repeat domain 4 (WDR4), transcript variant 2
Species	Human
Source	HEK293
ProteinLength	1-412 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-asp (GH-WD), which may facilitate formation of heterotrimeric or multiprotein complexes. Members of this family are involved in a variety of cellular processes, including cell cycle progression, signal transduction, apoptosis, and gene regulation. This gene is excluded as a candidate for a form of nonsyndromic deafness (DFNB10), but is still a candidate for other disorders mapped to 21q22.3 as well as for the development of Down syndrome phenotypes. Alternatively spliced transcript variants have been found for this gene.
Tag	C-Flag
Molecular Mass	45.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
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
GENE INFORMATION	
Gene Name	WDR4 WD repeat domain 4 [Homo sapiens (human)]
Official Symbol	WDR4
Synonyms	WDR4; WD repeat domain 4; tRNA (guanine-N(7)-)-methyltransferase subunit WDR4; TRM82; WD repeat-containing protein 4
Gene ID	10785
mRNA Refseq	NM_033661
Protein Refseq	NP_387510
MIM	605924
UniProt ID	P57081

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