

Recombinant Full Length Human WDR4 Protein, His tagged

Cat. No. WDR4-02HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human WDR4 Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
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-aspartic (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.
AASequence	MHHHHHHHHLLVPRGSMAGSVGLALCGQTLVVRGGSRLATSIASSDDDSLFIYDCS AAEKKSQENKGEDAPLDQGGSGAILASTFSKSGSYFALTDDSKRLILFRTKWPQCLSV RTVARRCTALTFIASEEKVLVADKSGDVYSFSVLEPHGCGRLELGHLSMLLDVAVSP DDRFILTADRDEKIRVSWAAAPHSIESFCLGHTEFVSRISVVPQTQPGLLLSSSGDGTL RLWEYRSGRQLHCCHLASLQELVDPQAPQKFAASRIAFWCQENCVALLCDGTPVV YIFQLDARRQQLVYRQQLAFQHQVWDVAFEETQGLWVLQDCQEAPLVLYRPVGDQ

 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

	WQSVPESTVLKKVSGVLRGNWAMLEGSAGADASFSSLYKATFDNVTSYLKKKEERL QQQLEKKQRRRSPPPGPDGHAKKMRPGEATLSC
Molecular Mass	47 kDa
Purity	> 90% by SDS-PAGE
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Sterile 25mM Tris, pH8.5, 150mM NaCl, 5mM DTT, 20% Glycerol, 8% Trehalose
Concentration	0.66 mg/mL by Bradford

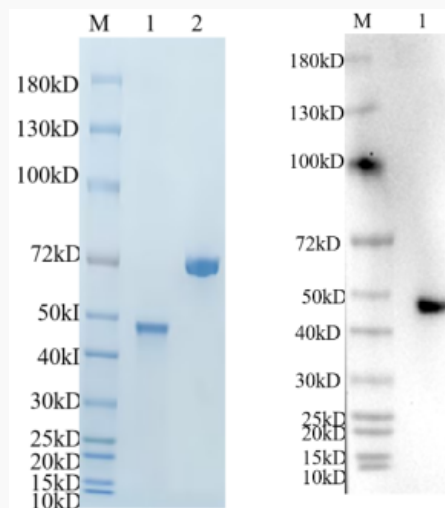
GENE INFORMATION

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_018669
Protein Refseq	NP_061139
MIM	605924

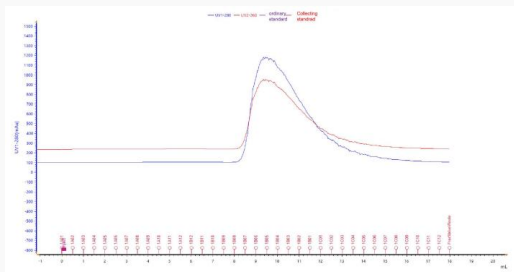
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UniProt ID
P57081
SDS-PAGE and WB


Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified WDR4. 1. WDR4-FL 2. BSA

SEC


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