

Recombinant Human WD Repeat Domain 4 Protein, T7 tagged

Cat. No. WDR4-847H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human WD Repeat Domain 4 Protein (1-266 aa) with T7 tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-266 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 acid (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.
Molecular Mass	30 kDa
AA Sequence	MASMTGGGQMGMA GSVGLALCGQTLVVRGGS RFLATSIASSDDDSLFIYDCSAAE KKSQENKGEDAPLDQGGSGAILASTFSKSGSYFALTDDSKRLILFRTKWPQCLSVRTV ARRCTALTFIASEEKVLVADKSGDVYSFSVLEPHGCGRLELGHLSMLLDVAVSPDDR FILTADRDEKIRVSWAAAPH SIESFCLGHTEFVSRI SVVPTQPGLLLSSSGDGT LRLW

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EYRSGRQLHCCHLASLQELVDPQAPQKFAASRIAFWCQENCVALLCDGTP

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 50mM Tris, pH8.5, 300mM NaCl, 10 % Glycerol

Concentration 1 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

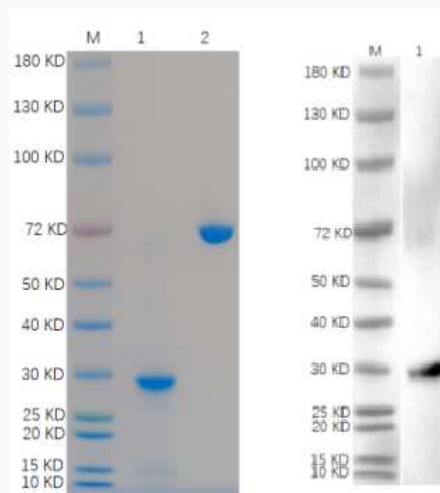
UniProt ID P57081

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**Reducing 4 %-20 %
SDS-PAGE (CBB
stained) and WB
(anti-T7 Monoclonal
antibody) analysis
profiles of purified
WDR4.**



1. WDR4: 1 μ g

2. BSA: 1 μ g

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