

Recombinant Human WDR12 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. WDR12-2381H Lot. No. (See product label)

SPECIFICATION

Product Overview	WDR12 MS Standard C13 and N15-labeled recombinant protein (NP_060726) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 protein is highly similar to the mouse WD repeat domain 12 protein at the amino acid level. The protein encoded by this gene is a component of a nucleolar protein complex that affects maturation of the large ribosomal subunit.
Molecular Mass	47.7 kDa
AA Sequence	MAQLQTRFYTDNKKYAVDDVPFSIPAASEIADLSNIINKLLKDKNEFHKHVEFDFLIKG QFLRMPLDKHMEMENISSEEVVEIEYVEKYTAPQPEQCMFHDDWISSIKGAEWILT GSYDKTSRIWSLEGKSIMTIVGHTDVVKDVAWVKKDSLSCLLLSASMDQTILLWEWN VERNKVKALHCCRGHAGSVDSIAVDGSGTKFCSGSWDKMLKIWSTVPTDEEDEME ESTNRPRKKQKTEQLGLTRTPIVTLSGHMEAVSSVLWSDAEEICSASWDHTIRVWD

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VESGSLKSTLTGNKVFNCISYSPLCKRLASGSTDRHRLWDPRTKDGSLSLSLTSH
 TGWVTSVKWSPTHEQQLISGSLDNIVKLWDTRSCAPLYDLAAHEDKVLSDWDTDT
 GLLSSGGADNKLYSYRYSPTTSHVGATRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name WDR12 WD repeat domain 12 [Homo sapiens (human)]

Official Symbol WDR12

Synonyms WDR12; WD repeat domain 12; ribosome biogenesis protein WDR12; FLJ10881; YTM1; WD repeat-containing protein 12; FLJ12719; FLJ12720;

Gene ID 55759

mRNA Refseq NM_018256

Protein Refseq NP_060726

MIM 616620

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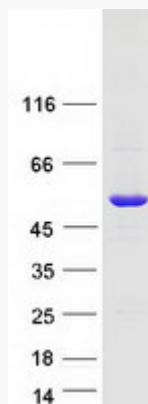
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UniProt ID

Q9GZL7

SDS-PAGE

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