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# Product datasheet for TP310272L

## WDR8 (WRAP73) (NM_017818) Human Recombinant Protein

### Product data:

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|---|---|
| **Product Type:** | Recombinant Proteins |
| **Description:** | Purified recombinant protein of Homo sapiens WD repeat domain 8 (WDR8), 1 mg |
| **Species:** | Human |
| **Expression Host:** | HEK293T |
| **Expression cDNA Clone or AA Sequence:** | >RC210272 protein sequence<br>Red=Cloning site Green=Tags(s)<br><br>MNFSEVFKLSSLLCKFSPDGKYLASCVQYRLVVRDVNTLQILQLYTCLDQIQHIEWSADSLFILCAMYKR<br>GLVQVWSLEQPEWHCKIDEGSAGLVASCWSPDGRHILNTTEFHLRITVWSLCTKSVSYIKYPKACLQGIT<br>FTRDGRYMALAERRDCKDYVSIFVCSDWQLLRHFDTDTQDLTGIEWAPNGCVLAVWDTCLEYKILLYSLD<br>GRLLSTYSAYEWSLGIKSVAWSPSSQFLAVGSYDGKVRILNHVTWKMITEFGHPAAINDPKIVVYKEAEK<br>SPQLGLGCLSFPPPRAGAGPLPSSESKYEIASVPVSLQTLKPVTDRANPKIGIGMLAFSPDSYFLATRND<br>NIPNAVWVWDIQKLRLFAVLEQLSPVRAFQWDPQQPRLAICTGGSRLYLWSPAGCMSVQVPGEGDFAVLS<br>LCWHLSGDSMALLSKDHFCLCFLETEAVVGTACRQLGGHT<br><br>TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| **Tag:** | C-Myc/DDK |
| **Predicted MW:** | 51.4 kDa |
| **Concentration:** | >0.05 µg/µL as determined by microplate BCA method |
| **Purity:** | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| **Buffer:** | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| **Preparation:** | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| **Note:** | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| **Storage:** | Store at -80°C. |
| **Stability:** | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| **RefSeq:** | NP_060288 |

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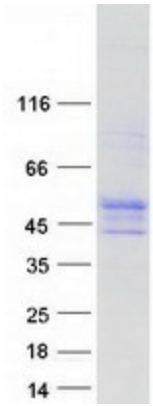
| **Locus ID:** | 49856 |
| **UniProt ID:** | Q9P2S5, A0A384MQZ3 |
| **RefSeq Size:** | 1708 |
| **Cytogenetics:** | 1p36.32 |
| **RefSeq ORF:** | 1380 |
| **Synonyms:** | WDR8 |
| **Summary:** | This gene encodes a member of the WD repeat protein family. WD repeats are minimally conserved regions of 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. Studies of the related mouse protein suggest that the encoded protein may play a role in the process of ossification. [provided by RefSeq, Mar 2009] |
| **Protein Families:** | Stem cell - Pluripotency |

## Product images:




Coomassie blue staining of purified WRAP73 protein (Cat# [TP310272]). The protein was produced from HEK293T cells transfected with WRAP73 cDNA clone (Cat# [RC210272]) using MegaTran 2.0 (Cat# [TT210002]).