

Product datasheet for **TP762526**

WDR24 (NM_032259) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human WD repeat domain 24 (WDR24), full length, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of WDR24
Tag:	N-His
Predicted MW:	88.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50mM Tris, pH8.0, 8M Urea
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_115635
Locus ID:	84219
UniProt ID:	Q96S15
RefSeq Size:	3165
Cytogenetics:	16p13.3
RefSeq ORF:	2370
Synonyms:	C16orf21; JFP7

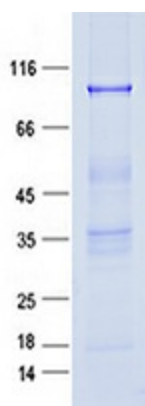

[View online »](#)

Summary:

As a component of the GATOR subcomplex GATOR2, functions within the amino acid-sensing branch of the TORC1 signaling pathway (PubMed:23723238, PubMed:27166823). Indirectly activates mTORC1 and the TORC1 signaling pathway through the inhibition of the GATOR1 subcomplex (PubMed:23723238). It is negatively regulated by the upstream amino acid sensors SESN2 and CASTOR1 (PubMed:26449471, PubMed:26586190, PubMed:27487210). In addition to its role in regulation of the TORC1 complex, promotes the acidification of lysosomes and facilitates autophagic flux (PubMed:27166823).[UniProtKB/Swiss-Prot Function]

Protein Families:

Druggable Genome

Product images:


Coomassie blue staining of purified WDR24 protein (Cat #TP762526). The protein was produced from E.coli.