

Product datasheet for **TP304657L**

ANKRD49 (NM_017704) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ankyrin repeat domain 49 (ANKRD49), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC204657 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MEKEKGNDDGIPDQENSLDFSEHFNQLELLETHGHLIPTGTQSLWVGNSEDEEQDDKNEEWYRLQEKKM
EKDPSRLLLWAAEKNRLTTVRRLLSEKATHVNTRDEDEYTPLHRAAYSGHLDIVQELIAQGADVHAVTVD
GWTPLHSACKWNNTRVASFLLQHDADINAQTKGLLPLHLAAGNRDSKDTLELLLMNRYVKPGLKNNLEE
TAFDIARRTSIYHYLFEIVEGCTNSSPQS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	27.1 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:	<u>NP_060174</u>
Locus ID:	54851
UniProt ID:	<u>Q8WVLZ</u> , <u>A0A024R398</u>



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RefSeq Size: 1924

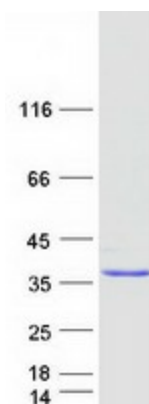
Cytogenetics: 11q21

RefSeq ORF: 717

Synonyms: FGIF; GBIF

Summary: Induces HBG1 expression (PubMed:16131492, PubMed:11162141). May have a role in spermatogenesis where it promotes autophagy in response to serum starvation, via the NF-kappaB pathway (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified ANKRD49 protein (Cat# [TP304657]). The protein was produced from HEK293T cells transfected with ANKRD49 cDNA clone (Cat# [RC204657]) using MegaTran 2.0 (Cat# [TT210002]).