

Product datasheet for **TP304657**

ANKRD49 (NM_017704) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human ankyrin repeat domain 49 (ANKRD49), 20 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC204657 protein sequence

Clone or AA Sequence: **Red**=Cloning site **Green**=Tags(s)

MEKEKGNDDGIPDQENSLDFSEHFNQLELLETHGHLIPTGTQSLWVGNSDEDEEQDDKNEEWYRLQEKKM
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: [NP_060174](#)

Locus ID: 54851

UniProt ID: [Q8WVLZ](#), [A0A024R398](#)



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RefSeq Size: 1924

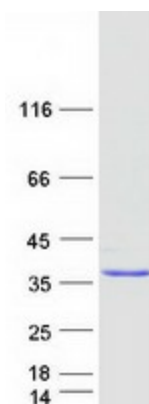
Cytogenetics: 11q21

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]).