

Product datasheet for PH304657

ANKRD49 (NM_017704) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	ANKRD49 MS Standard C13 and N15-labeled recombinant protein (NP_060174)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204657
Predicted MW:	27.3 kDa
Protein Sequence:	>RC204657 protein sequence Red=Cloning site Green=Tags(s) MEKEKGNDDGIPDQENSLDFSEHFNQLELLETHGHLIPTGTQSLWVGNSEDEEQDDKNEEWYRLQEKKM EKDPSRLLLWAAEKNRLTTVRRLLSEKATHVNTRDEDEYTPLHRAAYSGHLDIVQELIAQGADVHAVTVD GWTPLHSACKWNNTRVASFLLQHDADINAQTKGLLTPLHLAAGNRDSDKDTLELLLMNRYVKPGLKNNLEE TAFDIARRTSIYHYLFEIVEGCTNSSPQS TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_060174
RefSeq Size:	1924
RefSeq ORF:	717
Synonyms:	FGIF; GBIF
Locus ID:	54851
UniProt ID:	Q8WVL7 , A0A024R398

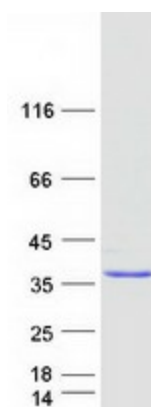


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Cytogenetics: 11q21

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]).