

Product datasheet for PH300881

AKIRIN2 (NM_018064) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	AKIRIN2 MS Standard C13 and N15-labeled recombinant protein (NP_060534)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200881
Predicted MW:	22.5 kDa
Protein Sequence:	>RC200881 protein sequence Red=Cloning site Green=Tags(s) MACGATLKRTLDFDPLLSPASPKRRRCAPLSAPTSAAAASPLSAAAATAASFSAASAPQKYLRMESPFG DVSSRLTTEQILYNIKQEYKRMQKRRHLETSFQQTDPCCSDAQPHAFLLSGPASPGTSSAASSPLKKEQ PLFTLRQVGMICERLLKEREKVVREYEEILNTKLAEQYDAFVKFTHDQIMRRYGEQPASYVS 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_060534
RefSeq Size:	1948
RefSeq ORF:	609
Synonyms:	C6orf166; dj486L4.2; FBI1
Locus ID:	55122
UniProt ID:	Q53H80 , Q9NW35

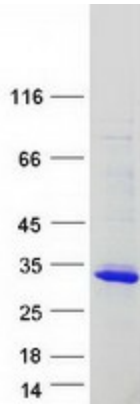


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Cytogenetics: 6q15

Summary: Required for the innate immune response. Downstream effector of the Toll-like receptor (TLR), TNF and IL-1 beta signaling pathways leading to the production of IL-6. Forms a complex with YWHAB that acts to repress transcription of DUSP1 (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified AKIRIN2 protein (Cat# [TP300881]). The protein was produced from HEK293T cells transfected with AKIRIN2 cDNA clone (Cat# [RC200881]) using MegaTran 2.0 (Cat# [TT210002]).