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Product datasheet for TP506905

Arrdc1 (NM_001162485) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse arrestin domain containing 1 (Arrdc1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206905 protein sequence Red=Cloning site Green=Tags(s) MGRVQLFEIRLSQGRVVYGPGEPLAGAVHLRLGAPLPFRAIRVTCMGSCGVSTKANDGAWVVEESYFNSS LSLADKGSLPAGEHNFPFQFLLPATAPTSFEGPFGKIVHQVRASIDTPRFSKDHKCSLVFYILSPLNLNS IPDIEQPNVASTTKKFSYKLVKTGNVVLTASTDLRGYVVGQVLRLQADIENQSGKDTSPVVASLLQVSYK AKRWIYDVRTIAEVEGTGVKAWRRAQWQEQILVPALPQSALPGCSLIHIDYYLQVSMKAPEATVTLPLFV GNIAVNQTPLSPCPGPESSPGTLSLVVPSAPPQEEAEAVASGPHFSDPVSLSTKSHSQQQPLSAPLGSVS VTTTEPWVQVGSPARHSLHPPLCISIGATVPYFAEGSAGPVPTTSALILPPEYSSWGYPYEAPPSYEQSC GAAGTDLGLIPGS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	46.1 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
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 after receiving vials.
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_001155957
Locus ID:	215705

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UniProt ID:	Q99KN1
RefSeq Size:	1695
Cytogenetics:	2 A3
RefSeq ORF:	1299
Synonyms:	AI957342; BC004091
Summary:	Functions as an adapter recruiting ubiquitin-protein ligases to their specific substrates (PubMed:23886940, PubMed:27462458). Through an ubiquitination-dependent mechanism plays for instance a role in the incorporation of SLC11A2 into extracellular vesicles (PubMed:27462458). More generally, plays a role in the extracellular transport of proteins between cells through the release in the extracellular space of microvesicles (By similarity). By participating to the ITCH-mediated ubiquitination and subsequent degradation of NOTCH1, negatively regulates the NOTCH signaling pathway (PubMed:23886940).[UniProtKB/Swiss-Prot Function]