

Product datasheet for TP506279

Cyth2 (NM_011181) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse cytohesin 2 (Cyth2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR206279 protein sequence
Red=Cloning site **Green**=Tags(s)

MEDGVYEPDLTPPEERMELENIRRRKQELLVEIQRLREELSEAMSEVEGLEANEKSKTLQRNRKMAMGRK
KFNMDPKKGIQFLVEHELLQNTPEEIARFLYKGEGLNKAIGDYLGEREELNLSVLHAFVDLHEFTDLNL
VQALRQFLWSFRLPGEAQKIDRMMEFAQRYCLCNPGVFQSTDTCYVLSFAVIMLNTSLHNPVNRDKPGL
ERFVAMNRGINEGGDLPEDLLRNLYDSIRNEPFKIPEDDGNDLTHTFNPDPREGWLLKLGGRVKTWKRRW
FILTDNCLYFYYTTDKPRGIIPLENLSIREVDDPRKPNCFELYIPNNKGQLIKACKTEADGRVVEGNH
MVYRISAPTQEEKDEWIKSIQAASVDPFYEMLAARKKRISVKKKQEQP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 46.5 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_035311](#)

Locus ID: 19158

UniProt ID: [P63034](#)



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RefSeq Size: 2527

Cytogenetics: 7 B3

RefSeq ORF: 1200

Synonyms: ARNO; CLM2; Pscd2

Summary: Acts as a guanine-nucleotide exchange factor (GEF). Promotes guanine-nucleotide exchange on ARF1, ARF3 and ARF6. Activates ARF factors through replacement of GDP with GTP (PubMed:18042453). The cell membrane form, in association with ARL4 proteins, recruits ARF6 to the plasma membrane (By similarity). Involved in neurite growth (PubMed:25326380). [UniProtKB/Swiss-Prot Function]