

## Product datasheet for TP506241

### Cyth1 (NM\_001112699) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cytohesin 1 (Cyth1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206241 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	<p>MEDDDSYVPSDLTAERQELNIRRRKQELLADIQRLKEEIAEVANEIESLGSTEERKNMQRNKQVAMGR KKFNMDPKKGIQFLIENGLLKNTCEDIAQFLYKGEGLNKTAIGDYLGERDEFSIQVLHAFVELHEFTDLN LVQALRQFLWSFRLPGEAQKIDRMMEAFAQRYCQCNTGVFQSTDTCYVLSFAIIMLNTSLHNPVNDKPT VERFIAMNRGINDGGDLPEELLRNLYESIKNEPFKIPEDDGNLTHTFNPDREGWLLKLGGRVKTWKRR WFILTDNCLYYFEYTTDKPRGIIPLNLSIREVEDSKKPNCFELYIPDNKDQVIKACKTEADGRWVEGN HTVYRISAPTPEEKEDWIKCIKAAISRDPFYEMLAARKKKVSSTKRH</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
Tag:	C-MYC/DDK
Predicted MW:	46.2 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:	<a href="#">NP_001106169</a>
Locus ID:	19157
UniProt ID:	<a href="#">Q9QX11</a> , <a href="#">Q8K3E8</a> , <a href="#">Q570Y7</a>



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RefSeq Size: 3176

Cytogenetics: 11 E2

RefSeq ORF: 1194

Synonyms: CLM1; CTH-1; CYTIP; Pscd1

**Summary:** Promotes guanine-nucleotide exchange on ARF1, ARF5 and ARF6 (PubMed:18042453, PubMed:20080746). Promotes the activation of ARF factors through replacement of GDP with GTP (PubMed:18042453). Plays an important role in membrane trafficking, during junctional remodeling and epithelial polarization, through regulation of ARF6 activity (PubMed:20080746, PubMed:29420262).[UniProtKB/Swiss-Prot Function]