

Product datasheet for TP506566

Cdc5l (BC003893) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse cell division cycle 5-like (<i>S. pombe</i>) (cDNA clone MGC:6754 IMAGE:3593535), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR206566 representing BC003893 Red=Cloning site Green=Tags(s)

MPRIMIKGGVWRNTEDEILKAAVMKYGKNQWSRIASLLHRKSAKQCKARWYEWLDPSIKKTEWSREEEK
LLHLAKLMPTQWRTIPIIGRTAAQCLEHYEFLLDKTAQRDNEEETDDPRKLPGEIDPNPETKPARPD
PIDMDELEMLSEARARLANTQGKAKRKAREKQLEEARRLAALQKRRELAAGIEIQKRRKKKRGVDY
NAEIPFEKKPALGFYDTSEENYQALDADFRKLRQQLDGELRSEKEGRDRKKDKQHLKRRKESDLPSAIL
QTSGVSEFTKKRSKLVLPAPQISDAELQEVKVGQASEVARQTAESGITNSASSTLLSEYNVTNNSIAL
RTPRTPASQDRILQEAQNLMLALTNVDTPLKGGNLNPLHESDFSGVTPQRQVQTPNTVLSTPFRLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	73.8 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.
Locus ID:	71702
UniProt ID:	Q6A068



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RefSeq Size:	2013
Cytogenetics:	17 B3
RefSeq ORF:	1245
Synonyms:	1200002I02Rik; AA408004; PCDC5RP
Summary:	DNA-binding protein involved in cell cycle control. May act as a transcription activator. Plays role in pre-mRNA splicing as core component of precatalytic, catalytic and postcatalytic spliceosomal complexes. Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing. The PRP19-CDC5L complex may also play a role in the response to DNA damage (DDR).[UniProtKB/Swiss-Prot Function]