

Product datasheet for TP502425

1700012G19Rik (BC083113) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse RIKEN cDNA 1700012G19 gene (cDNA clone MGC:103027 IMAGE:5356187), complete cds, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR202425 protein sequence
Red=Cloning site Green=Tags(s)

MAEAEAGGDEARCVRLSAERAKLLLAEVDTLLFDCDGVLRGETAVPGAPETLRALRARGKRLGFITNNS
SKTRTAYAEKLRRLGFGGPGVPEAGLEVFGTAYCSALYLRQRLAGVPDPKAYVLGSPALAAELEAVGVTS
VGVGPDVLHGDGPSDWLAVPLEPDVRAVWVGFDPHFSYMKLTKAVRYLQQPDCLLVGTNMDNRLPLENGR
FIAGPCT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 23.1 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.

Locus ID: 67078

UniProt ID: [Q8CHP8](#)

RefSeq Size: 1175



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Cytogenetics:	17 A3.3
RefSeq ORF:	651
Synonyms:	1700012G19Rik; AI481330; AUM; G3PP
Summary:	Glycerol-3-phosphate phosphatase hydrolyzing glycerol-3-phosphate into glycerol. Thereby, regulates the cellular levels of glycerol-3-phosphate a metabolic intermediate of glucose, lipid and energy metabolism (PubMed:26755581). Was also shown to have a 2-phosphoglycolate phosphatase activity and a tyrosine-protein phosphatase activity. However, their physiological relevance is unclear (PubMed:26755581, PubMed:24338473). In vitro, has also a phosphatase activity toward ADP, ATP, GDP and GTP (PubMed:24338473).[UniProtKB/Swiss-Prot Function]