

Product datasheet for **TP301634L**

PPP1R7 (NM_002712) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human protein phosphatase 1, regulatory (inhibitor) subunit 7 (PPP1R7), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC201634 protein sequence
Red=Cloning site **Green**=Tags(s)

MAAERGAGQQSQEMMEVDRRVEESESGDEEGKKHSSGIVADLSEQSLKDGEERGEEDPEEEHELPVDME
TINLDRDAEDVDLNHYRIGKIEGFVLLKVKTLCLRQNLIKCIENLEELQSLRELDLYDNQIKKIENLEA
LLELEILDISFNLLRNIEGVDKLTRLKFLVNNKISKIENLSNLHQLQMLELGSNRIRAIENIDTLTNL
ESLFLGKNKITKLQNLDALTNLTVLSMQSNRLTKIEGLQNLVNLRELYLSHNGIEVIEGLENNKLTMLD
IASNRIKKIENISHLTELQEFWMNDNLLSWSDLDELKGARSLETVYLERNPLQKDPQYRRKVMLALPSV
RQIDATFVRF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 41.4 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

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

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.

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_002703](#)



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Locus ID: 5510

UniProt ID: [Q15435](#), [A0A140VK83](#)

RefSeq Size: 2761

Cytogenetics: 2q37.3

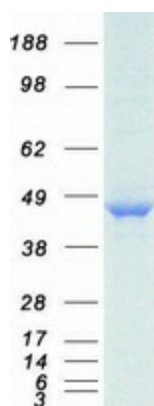
RefSeq ORF: 1080

Synonyms: SDS22

Summary: This gene encodes a protein subunit that regulates the activity of the serine/threonine phosphatase, protein phosphatase-1. The encoded protein is required for completion of the mitotic cycle and for targeting protein phosphatase-1 to mitotic kinetochores. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]

Protein Families: Druggable Genome, Phosphatase

Product images:



Coomassie blue staining of purified PPP1R7 protein (Cat# [TP301634]). The protein was produced from HEK293T cells transfected with PPP1R7 cDNA clone (Cat# [RC201634]) using MegaTran 2.0 (Cat# [TT210002]).