

Product datasheet for **TP305721L**

ZNF259 (ZPR1) (NM_003904) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human zinc finger protein 259 (ZNF259), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC205721 protein sequence
Red=Cloning site **Green**=Tags(s)

MAASGAVEPGPPGAAVAPSPAPAPPAPDHLFRPISAEDEEQPTEIESLCMNCYCNGMTRLLLLTKIPFF
REIIVSSFCEHCGWNNTIEIQSAGRIQDQGVRYTLSVRALEDMNREVVKTD SAATRIPELDFEIPAFSQK
GALTTVEGLITRAISGLEQDQPARRANKDATAERIDEFIVKLKELKQVASFPTLIIDDPGNSGFVENPHA
PQKDDALVITHYNRTRQQEEMLGLQEEAPAEEKPEEEDLRNEVLQFSTNCPECNAPAQTNMMLVQIPHFK
VIIMATNCENCGRHTNEVKS GGAVEPLGTRITLHITDASDMTRDLLKSETCSVEIPELEFELGMAVLGGK
FTTLEGLLDIRELVTKNPFTLGDSSNPGQTERLQEF SQKMDQIIIEGNMKAHFIMDDPAGNSYLQNVYAP
EDDPEMKVERYKRTFDQNEELGLNDMKTEGYEAGLAPQR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 50.7 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_003895](#)



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Locus ID:	8882
UniProt ID:	O75312
RefSeq Size:	1810
Cytogenetics:	11q23.3
RefSeq ORF:	1377
Synonyms:	GKAF; ZNF259

Summary: The protein encoded by this gene is found in the cytoplasm of quiescent cells but translocates to the nucleolus in proliferating cells. The encoded protein interacts with survival motor neuron protein (SMN1) to enhance pre-mRNA splicing and to induce neuronal differentiation and axonal growth. Defects in this gene or the SMN1 gene can cause spinal muscular atrophy. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2015]

Product images:



Coomassie blue staining of purified ZPR1 protein (Cat# [TP305721]). The protein was produced from HEK293T cells transfected with ZPR1 cDNA clone (Cat# [RC205721]) using MegaTran 2.0 (Cat# [TT210002]).