

Product datasheet for TP507326

Zpr1 (NM_011752) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse ZPR1 zinc finger (Zpr1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207326 protein sequence Red =Cloning site Green =Tags(s)
	<p>MSASGAVQPGHPGAAVGPSPAAAASPATGPLFRPLSAEDEEQPTEIESLCMNCYRNGTTRLLLLTKIPFF REIIVSSFCEHCGWNNTEIQSAGRIQDQGVRYLTVRSQEDMNREVVKTDSATTRIPLELDFEIPAFSQK GALTTVEGLISRAISGLEQDQPTRRAVEGAIAERIDFIGKLDLQKMASPFTLVIDDPSGNSFVENPHA PQKDNALVITYYDRTPQQAEMLGLQAEAPEEKAEEEDLRNEVLQFNTNCPENAPAQTNMMLVQIPHKE VIIMATNCENCGRHTNEVKSGGAVEPLGTRITLHITDPSDMTRDLLKSETCSVEIPELEFELGMAVLGGK FTTLEGLLDIRELVTKNPFTLGDSSNPQSEKLGQEFQKLGQIIEGKMKAHFIMNDPAGNSYLQNVYAP EDDPEMKVERYKRTFDQNEELGLNDMKTEGYEAGLAPQR</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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
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:	NP_035882
Locus ID:	22687



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UniProt ID: [Q62384](#)

RefSeq Size: 2984

Cytogenetics: 9 A5.2

RefSeq ORF: 1380

Synonyms: AI303781; Zfp259; Znf259

Summary: Acts as a signaling molecule that communicates proliferative growth signals from the cytoplasm to the nucleus. Plays a role for the localization and accumulation of the survival motor neuron protein SMN1 in sub-nuclear bodies, including gems and Cajal bodies. Induces neuron differentiation and stimulates axonal growth and formation of growth cone in spinal cord motor neurons. Plays a role in the splicing of cellular pre-mRNAs. May be involved in H(2)O(2)-induced neuronal cell death.[UniProtKB/Swiss-Prot Function]