

Product datasheet for **TP527521**

Rs1 (NM_011302) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse retinoschisis (X-linked, juvenile) 1 (human) (Rs1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR227521 representing NM_011302 Red =Cloning site Green =Tags(s)
	 MPHKIEGFFLLLLFGYEATLGLSSTEDEGEDPWWYQKACKCDCQVGANALWSAGATSLDCIPECPYHKPLG FESGEVTPDQITCSNPEQYVVGWYSSWTANKARLNSQGFCAWLSKYQDSSQWLQIDLKEIKVISGILTQG RCDIDEWVTKYSVQYRTDERLNWIYYKDQTGNRRVFGNSDRSSTVQNLLRPPIIISRFIRLIPLGWHVRI AIRMELLECAKCA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	26 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_035432
Locus ID:	20147
UniProt ID:	Q9Z1L4
RefSeq Size:	5855



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Cytogenetics: X 73.95 cM

RefSeq ORF: 672

Synonyms: Rs1h; tmgc1; Xlrs1

Summary: Binds negatively charged membrane lipids, such as phosphatidylserine and phosphoinositides (PubMed:17325137, PubMed:20677810). May play a role in cell-cell adhesion processes in the retina, via homomeric interaction between octamers present on the surface of two neighboring cells (By similarity). Required for normal structure and function of the retina (PubMed:11983912, PubMed:17325137).[UniProtKB/Swiss-Prot Function]