

Product datasheet for TP504572

RIbp1 (NM_001173483) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse retinaldehyde binding protein 1 (RIbp1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204572 protein sequence Red =Cloning site Green =Tags(s)
	MSDGVGTFRMVPEEEQELRAQLEQLTTKDHGPVFGPCSQLPRHTLQKAKDELNEKEETREEAVRELQELV QAQAASGEELALAVAERVQARDSAFLLRIFIRARKFDVGRAYELLKGYVNFRLQYPELFDSLSMEALRCTI EAGYPGVLSRDYGRVWMLFNIENWHCEEVTFDEILQAYCFILEKLENEETQINGFCIVENFKGFTMQ QAAGLRPSDLKMKVMDMLQDSFPAKFKAIFHQPWYFTTTYNVVKPFLKNKLLQRFVHGDLDLGGFFQEI DENILPADFGGTLPKYDGKVVAEQLFGPRAEVENTAL
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	36.4 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
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_001166954
Locus ID:	19771
UniProt ID:	Q9Z275



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RefSeq Size: 2138

Cytogenetics: 7 45.0 cM

RefSeq ORF: 954

Synonyms: 3110056M11Rik; CRALBP

Summary: Soluble retinoid carrier essential the proper function of both rod and cone photoreceptors. Participates in the regeneration of active 11-cis-retinol and 11-cis-retinaldehyde, from the inactive 11-trans products of the rhodopsin photocycle and in the de novo synthesis of these retinoids from 11-trans metabolic precursors. The cycling of retinoids between photoreceptor and adjacent pigment epithelium cells is known as the 'visual cycle'. [UniProtKB/Swiss-Prot Function]