Recombinant Mouse Rs1 Protein, Myc/DDK-tagged

Cat. No. Rs1-5631M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length retinoschisis (X-linked, juvenile) 1 (human) (Rs1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Binds negatively charged membrane lipids, such as phosphatidylserine and phosphoinositides. 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. Required for normal structure and function of the retina.
Molecular Mass	26 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	Rs1 retinoschisis (X-linked, juvenile) 1 (human) [Mus musculus (house mouse)]
Official Symbol	Rs1
Synonyms	Rs1; retinoschisis (X-linked, juvenile) 1 (human); Rs; Xl; Rs1h; Xlrs1; tmgc1; retinoschisin; X-linked juvenile retinoschisis protein homolog; retinoschisis 1 homolog
Gene ID	20147
mRNA Refseq	NM_011302
Protein Refseq	NP_035432
UniProt ID	Q9Z1L4

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