Recombinant Rat REG3B Protein (27-175 aa), His-sumostar-tagged

Cat. No. REG3B-2511R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat REG3B Protein (27-175 aa) is produced by Yeast expression system. This protein is fused with a 6xHis-sumostar tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Rat
Source	Yeast
ProteinLength	27-175 aa
Description	Bactericidal C-type lectin which acts against several intestinal Gram-positive bacteria and Gram-negative bacteria. Lacks antibacterial activity against S.typhimurium. May play a role in protection against infection with S.enteritidis by inhibiting its translocation from the gut lumen into intestinal tissues and further extraintestinal tissues.
Form	Tris-based buffer,50% glycerol
Molecular Mass	32.6 kDa
AA Sequence	EDSPKKIPSARISCPKGSQAYGSYCYALFQIPQTWFDAELACQKRPEGHLVSVLNVA EASFLASMVKNTGNSYQYTWIGLHDPTLGGEPNGGGWEWSNNDIMNYVNWERNP STALDRGFCGSLSRSSGFLRWRDTTCEVKLPYVCKFTG

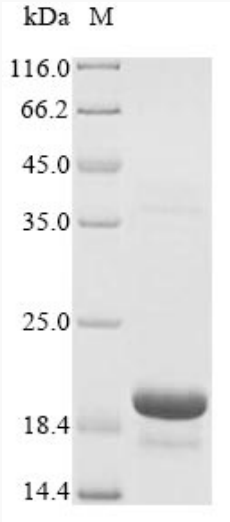
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	Reg3b regenerating family member 3 beta [Rattus norvegicus (Norway rat)]
Official Symbol	REG3B
Synonyms	Reg3b; Pap; Pap1;
Gene ID	24618
mRNA Refseq	NM_053289
Protein Refseq	NP_445741
UniProt ID	P25031

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



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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