

Recombinant mouse Guanylate cyclase activator 2B

Catalog No: #AP72585



Package Size: #AP72585-1 20ug #AP72585-2 100ug #AP72585-3 1mg

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Description

Product Name	Recombinant mouse Guanylate cyclase activator 2B
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:22-106aaSequence Info:Full Length
Accession No.	O09051
Uniprot	O09051
GeneID	14916;
Calculated MW	11.4 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	VIYIKYHGFQVQLQESVKKLNELEEKEMSNPQPRRSGLLPVCHNPALPLDLQPVCASQEAASTFKALRTIATDE CELCINVACTGC
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Endogenous activator of intestinal guanylate cyclase. It stimulates this enzyme through the same receptor binding region as the heat-stable enterotoxins. May be a potent physiological regulator of intestinal fluid and electrolyte transport. May be an autocrine,paracrine regulator of intestinal salt and water transport .

References

Uroguanylin and guanylin distinct but overlapping patterns of messenger RNA expression in mouse intestine.Whitaker T.L., Witte D.P., Scott M.C., Cohen M.B.Gastroenterology 113:1000-1006(1997)Research Topic:Others

Note: This product is for in vitro research use only