

Guanylate cyclase activator 2B Recombinant Protein | Guca2b recombinant protein

Recombinant Mouse Guanylate cyclase activator 2B

CATALOG # AAA115565	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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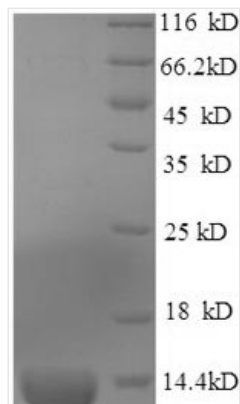
PRODUCT SYNONYMS

Guanylate cyclase activator 2B; Recombinant Mouse Guanylate cyclase activator 2B; Guca2b recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	22-106aa; Full Length
Sequence	VYIKYHGFQV QLESVKKLNE LEEKEMSNPQ PRRSGLLPV CHNPALPLDL QPVCASQEAA STFKALRTIA TDECELCINV ACTGC
Sequence Length	106
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Guca2b recombinant protein	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) Sanford L.P., Cohen M.B.

NCBI AND UNIPROT INFORMATION

NCBI GI #	160298221
NCBI GeneID	14916
NCBI Accession #	NP_032217.2
NCBI GenBank Nucleotide #	NM_008191.2
UniProt Accession #	O09051
Molecular Weight	11.4 kDa
NCBI Official Full Name	guanylate cyclase activator 2B preproprotein
NCBI Official Synonym Full Names	guanylate cyclase activator 2b (retina)
NCBI Official Symbol	Guca2b
NCBI Official Synonym Symbols	Ugn; Gcap2; AV066530
NCBI Protein Information	guanylate cyclase activator 2B
UniProt Protein Name	Guanylate cyclase activator 2B
UniProt Gene Name	Guca2b
UniProt Synonym Gene Names	UGN
UniProt Entry Name	GUC2B_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/guca2b-recombinant-protein-e-coli/115565>