

Recombinant Mouse GUCA2B protein, His-tagged(VLPs)

Cat. No. GUCA2B-657M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse GUCA2B protein (Q3UWA6-1) (Met1-Met433) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Met433
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant mouse GUCA2B consists of 425 amino acids and predicts a molecular mass of 48.55 kDa. It migrates as an approximately 87.17 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 90 % as determined by SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended to reconstitute the lyophilized powder in sterile water to 100-200 ug/ml, and further dilute with other solvents. The dissolved protein can be stored at 4°C for 2-7 days and should be used up as soon as possible. If not in use for a short time, please store at -20°C.

GENE INFORMATION

Gene Name	Guca2b guanylate cyclase activator 2b (retina) [Mus musculus]
Official Symbol	GUCA2B
Synonyms	GUCA2B; guanylate cyclase activator 2b (retina); guanylate cyclase activator 2B; uroguanylin; granule cell antiserum positive 2; Ugn; Gcap2; AV066530;
Gene ID	14916
mRNA Refseq	NM_008191
Protein Refseq	NP_032217

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