

## Recombinant Mouse GUCA2B protein, His-tagged(VLPs)

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse GUCA2B protein (Q3UWA6-1) (Met1-Met433) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Met433
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 90 % as determined by SDS-PAGE.
<b>Storage</b>	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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