

Recombinant Human GUCA1A

Catalog No: #GP13526



Package Size: #GP13526-1 100ug

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Description

Product Name	Recombinant Human GUCA1A
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 1-201 amino acids of human GUCA1A
Target Name	guanylate cyclase activator 1A
Other Names	COD3; GCAP; GUCA; GCAP1; GUCA1; CORD14; C6orf131
Accession No.	Swissprot:P43080Gene Accession:BC031663
Uniprot	P43080
GeneID	2978;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes an enzyme that plays a role in the recovery of retinal photoreceptors from photobleaching. This enzyme promotes the activity of retinal guanylyl cyclase-1 (GC1) at low calcium concentrations and inhibits GC1 at high calcium concentrations. Mutations in this gene can cause cone dystrophy 3 and code-rod dystrophy 14. Alternative splicing results in multiple transcript variants.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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