Recombinant Human GUCA1A protein, His&GST-tagged

Cat. No. GUCA1A-2379H **Lot. No.** (See product label)

SPECIFICATION

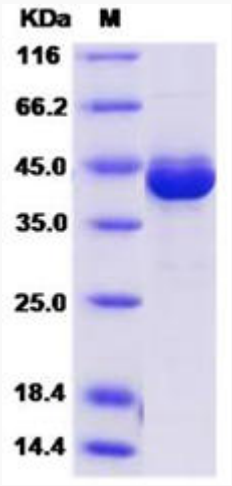
Product Overview	Recombinant Human GUCA1A protein(P43080)(Met1-Gly201) was expressed in Insect Cells with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-201 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.
Molecular Mass	The secreted recombinant human GUCA1A consists of 438 amino acids and predicts a molecular mass of 50.7 KDa. The apparent molecular mass of the protein is approximately 42 KDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	GUCA1A guanylate cyclase activator 1A (retina) [Homo sapiens]
Official Symbol	GUCA1A
Synonyms	GUCA1A; guanylate cyclase activator 1A (retina); C6orf131, chromosome 6 open reading frame 131 , GUCA, GUCA1; guanylyl cyclase-activating protein 1; COD3; cone dystrophy 3; dJ139D8.6; GCAP; GCAP1; GCAP 1; guanylin 1, retina; guanylate cyclase-activating protein, photoreceptor 1; GUCA; GUCA1; CORD14; C6orf131;
Gene ID	2978
mRNA Refseq	NM_000409
Protein Refseq	NP_000400
MIM	600364
UniProt ID	P43080

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE	

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA