

Recombinant Human GCA, His tagged

Cat. No. GCA-6941H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GCA (P28676) (Met 1-Ile 217), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-217 a.a.
Form	Lyophilized from 0.2µm filtered solution of 50mM Tris, pH 8.0
Molecular Mass	The recombinant human GCA consisting of 228 amino acids and has a calculated molecular mass of 25.5 kDa. It migrates as an 30 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted 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. 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	GCA grancalcin, EF-hand calcium binding protein [Homo sapiens]
Official Symbol	GCA
Gene ID	25801
mRNA Refseq	NM_012198
Protein Refseq	NP_036330
MIM	607030
UniProt ID	P28676

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