

## Recombinant Human GCA, His tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GCA (P28676) (Met 1-Ile 217), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-217 a.a.
<b>Form</b>	Lyophilized from 0.2µm filtered solution of 50mM Tris, pH 8.0
<b>Molecular Mass</b>	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.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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.

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## 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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