

## Recombinant Human GCA Protein

Cat. No. GCA-1316H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human GCA protein, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	This gene encodes a calcium-binding protein that is abundant in neutrophils and macrophages. In the absence of divalent cation, this protein localizes to the cytosolic fraction; with magnesium alone, it partitions with the granule fraction; and in the presence of magnesium and calcium, it associates with both the granule and membrane fractions. Alternative splicing and use of alternative promoters results in multiple transcript variants. [provided by RefSeq, Aug 2016].
<b>Form</b>	Lyophilized from a 0.2 M filtered solution of 20 mM Tris.HCl, 500mM NaCl, pH 8.5. Stable for at least 6 months from date of receipt under proper storage and handling conditions.
<b>Molecular Mass</b>	50.2 kDa
<b>Purity</b>	Resuspend the protein to the desired concentration in proper buffer.
<b>Concentration</b>	Resuspend the protein to the desired concentration in proper buffer.

### GENE INFORMATION

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<b>Gene Name</b>	GCA grancalcin, EF-hand calcium binding protein [ Homo sapiens ]
<b>Official Symbol</b>	GCA
<b>Synonyms</b>	GCL; GCL
<b>Gene ID</b>	25801
<b>mRNA Refseq</b>	NM_012198
<b>Protein Refseq</b>	NP_036330
<b>MIM</b>	607030
<b>UniProt ID</b>	P28676

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