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## Product Datasheet

### Human GCA protein (orb391783)

**Description**

Recombinant human GCA protein is produced

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**Reactivity**

Human

**Endotoxins**

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Tested Applications**

ELISA, MS, SDS-PAGE, WB

**Target**

GCA

**Preservatives**

Lyophilized from a 0.2 μM filtered solution of 20mM Tris-HCl, 500mM NaCl, pH 8.5.

**Form/Appearance**

Lyophilized from a 0.2 μM filtered solution of 20mM Tris-HCl, 500mM NaCl, pH 8.5.

**Storage**

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

**Note**

For research use only

**Application notes**

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Protein Sequence**

MSPILGYWKI KGLVQPTRL L LEYLEEKYEE  
 HLYERDEGDK WRNKKFELGL EFPNLPYYID  
 GDVKLTQ SMA IIRYADKHN MLGGCPKERA  
 EISMLEGAVL DIRYGVSRIA YSKDFETLKV  
 DFLSKLPEML KMFEDRLCHK TYLNGDHVTH  
 PDFMLYDALD VVLYMDPMCL DAFPKLVCFK  
 KRIEAIQID KYLKSSKYIA WPLQGWQATF  
 GGGDHPPKSD LVPRGSMAYP GYGGGFGNFS  
 IQVPGMQMGQ PVPETGPAIL LDGYSGPAYS  
 DTYSSAGDSV YTYFSAVAGQ DGEVDAEELQ  
 RCLTQSGING TYPFSLETC RIMIAMLDRD  
 HTGKMGFNAF KELWAALNAW KENFMTVDQD  
 GSGTVEHHEL RQAIGLMGYR LSPQTLTTIV  
 KRYSKNGRIF FDDYVACCVK LRALTDFFRK  
 RDHLQQGSAN FIYDDFLQGT MAI

**Purity**

Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

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**Expiration Date**

6 months from date of receipt.