

Recombinant Human GCM1 293 Cell Lysate

Cat. No. GCM1-5981HCL Lot. No. (See product label)

SPECIFICATION

| | |
|----------------------------|---|
| Species | Human |
| Source | HEK293 |
| Description | Antigen standard for glial cells missing homolog 1 (Drosophila) (GCM1) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection. |
| Components | This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol). |
| Size | 0.1 mg |
| Storage Instruction | Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment. |
| Applications | ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the |

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION

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|----------------------------|---|
| Gene Name | GCM1 glial cells missing homolog 1 (Drosophila) [Homo sapiens] |
| Official Symbol | GCM1 |
| Synonyms | GCM1; glial cells missing homolog 1 (Drosophila); GCMA, glial cells missing (Drosophila) homolog a; chorion-specific transcription factor GCMA; hGCMA; GCM motif protein 1; GCMA; |
| Gene ID | 8521 |
| mRNA Refseq | NM_003643 |
| Protein Refseq | NP_003634 |
| MIM | 603715 |
| UniProt ID | Q9NP62 |
| Chromosome Location | 6p21-p12 |
| Function | DNA binding; metal ion binding; sequence-specific DNA binding transcription factor activity; transcription factor binding; zinc ion binding; |

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