

## Recombinant Mouse CGAS protein, His-tagged

**Cat. No.** CGAS-9655M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse CGAS protein(350-507 aa), fused with N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 350-507 aa                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.                                      |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                            |

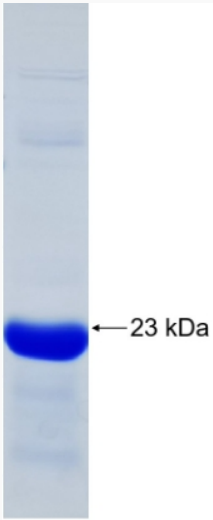
### GENE INFORMATION

|                        |                                    |
|------------------------|------------------------------------|
| <b>Official Symbol</b> | CGAS                               |
| <b>Synonyms</b>        | D4; MB21D1; h-cGAS; C6orf150; CGAS |

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|                |                                                                                     |
|----------------|-------------------------------------------------------------------------------------|
| Gene ID        | 115004                                                                              |
| mRNA Refseq    | NM_001410911                                                                        |
| Protein Refseq | NP_001397840                                                                        |
| MIM            | 613973                                                                              |
| UniProt ID     | A0A7P0TBQ3                                                                          |
| SDS-PAGE       |  |