

Recombinant Human CGAS protein, His-tagged

Cat. No. CGAS-9654H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CGAS protein(322-433 aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	322-433 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
Storage	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.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

Official Symbol	CGAS
Synonyms	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

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