

CGAS recombinant protein

Recombinant Human CGAS

CATALOG #
AAA250162

HOST
E Coli

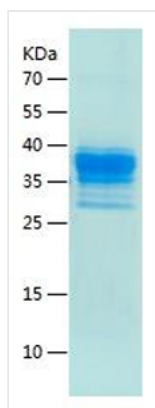
PRODUCT SYNONYMS

CGAS; Recombinant Human CGAS; C6orf150; cGAS; Cyclic GMP-AMP synthase; h-cGAS; MB21D1; CGAS recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2um filtered solution in 10 mM Hepes, 500 mM NaCl with 5% trehalose, pH 7.4
Sequence Positions	1-245
Species	Human
Tag	N-terminal His-IF2DI Tag
Reconstitution	Centrifuge the vial prior to opening, reconstitute in sterile distilled water or buffer of interest to concentration of 0.1-1 mg/ml by gently pipetting 2-3 times, do not vortex
Preparation and Storage	Lyophilized protein stable at -20°C for 1 year, protein solution can be stored at 2 to 8°C for 1 week under sterile condition. For extended storage, it is recommended to further dilute in a buffer containing 0.1% BSA (make sure BSA will NOT interfere with your experiment) and store in working aliquots at -20°C to -80°C for 6 months. Avoid repeated freeze/thaw cycles.

IMAGES



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	115511030
NCBI GeneID	115004
NCBI Accession #	NP_612450

NCBI GenBank Nucleotide #	NM_138441.2
UniProt Accession #	Q8N884 ; Q14CV6 ; Q32NC9 ; Q5SWL0 ; Q5SWL1 ; Q96E45 ; L0L2J9
Molecular Weight	36.9 kDa under reducing conditions
NCBI Official Full Name	cyclic GMP-AMP synthase
NCBI Official Synonym Full Names	Mab-21 domain containing 1
NCBI Official Symbol	MB21D1
NCBI Official Synonym Symbols	cGAS; h-cGAS; C6orf150
NCBI Protein Information	cyclic GMP-AMP synthase
UniProt Protein Name	Cyclic GMP-AMP synthase
UniProt Gene Name	MB21D1
UniProt Synonym Gene Names	C6orf150; cGAMP synthase; cGAS; h-cGAS
UniProt Entry Name	CGAS_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/mb21d1-recombinant-protein-e-coli/250162>