

Recombinant Human CGAS protein, His-tagged

Cat. No. CGAS-097H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CGAS protein(161-522aa)(Q8N884), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	161-522aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	48.3 kDa
AA Sequence	GASKLRVLEKCLKLSRDDISTAAGMVKGVVDHLLLRLKCDSA FRGVLLNTGSYYEH VKISAPNEFDVMFKLEVPRIQLEEYSNTRAYYFVKFKRNPKENPLSQFLEGEILSASK MLSKFRKIIKEEINDIKD TDVIMKRKRGGSPAVTLLISEKISVDITLALESKSSWPASTQ EGLRIQNWLSAKVRKQLRLKPFYLVPKHAKENG FQEETWRLSF SHIEKEILNNHGK SKTCCENKEEKCCRKDCLKMKYLLEQLKERFKDKKHLDFSSYHVKT AFFHVCTQ NPQDSQWDRKDLGLCFDNCVTYFLQCLRTEKLENYFIPEFNLFSSNLIDKRSKEFLT KQIEYERNNEFPVFDEF
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage	Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

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