

Recombinant Human GAPDH protein, His-SUMO-tagged

Cat. No. GAPDH-2941H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GAPDH protein(P04406)(2-335aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-335aa
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	51.9 kDa
AA Sequence	GKVKVGVNGFGRIGRLVTRAAFNSGKVDIVAINDPFIDLNYMVYMFQYDSTHGKFHG TVKAENGLVINGNPITIFQERDPSKIKWGDAGAEYVVESTGVFTTMEKAG AHLQGG AKRVIISAPSADAPMFVMGVNHEKYDNSLKIISNASCTTNCLAPLAKVIHDNFGIVEGL MTTVHAITATQKTVDGPGSKLWRDGRGALQNIIPASTGAAKAVGKVIPELNGKLTGM AFRVPTANVSVVDLTCRLEKPAKYDDIKKVVQKASEGPLKGILGYTEHQVVSSDFNS DTHSSTFDAGAGIALNDHFVKLISWYDNEFGYSNRVVDLMAHMASKE
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple 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. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name GAPDH glyceraldehyde-3-phosphate dehydrogenase [Homo sapiens]

Official Symbol GAPDH

Synonyms GAPDH; glyceraldehyde-3-phosphate dehydrogenase; GAPD; aging-associated gene 9 protein; peptidyl-cysteine S-nitrosylase GAPDH; G3PD; MGC88685;

Gene ID 2597

mRNA Refseq NM_001256799

Protein Refseq NP_001243728

MIM 138400

UniProt ID P04406

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