

Recombinant Human GAPDHS Protein, His-tagged

Cat. No. GAPDHS-13154H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GAPDHS Protein(58-408 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	58-408 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.
AASequence	LPPHPATPPPKMVSVARELTVGINGFGRIGRLVLRACMEKGVKVVAVNDPFIDPEYM VYMFKYDSTHG RYKGSVEFRNGQLVVDNHEISVYQCCKEPKQIPWRAVGSPYVVEST GVYLSIQAASDHISAGAQRVVISAPSPDAPMFVMGVNENDYNPGSMNIVSNASCTTN CLAPLAKVIHERFGIVEGLMTTVHSYTATQKTVDGPSRKAWRDGRGAHQNIIPASTG AAKAVTKVIPELKGKLTGMAFRVPTPDVSVVDLTCRLAQPAPYS AIKEAVKAAAKGP MAGILAYTEDEVSTDFLGDTHSSIFDAKAGIALNDNFVKLISWYDNEYGYSHRVVDL LRYMFSRDK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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

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addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

GENE INFORMATION

Gene Name

GAPDHS glyceraldehyde-3-phosphate dehydrogenase, spermatogenic [Homo sapiens]

Official Symbol

GAPDHS

Synonyms

GAPDHS; glyceraldehyde-3-phosphate dehydrogenase, spermatogenic; GAPDS; glyceraldehyde-3-phosphate dehydrogenase, testis-specific; GAPD2; GAPDH 2; spermatogenic glyceraldehyde-3-phosphate dehydrogenase; spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2; HSD-35; GAPDH-2;

Gene ID

26330

mRNA Refseq

NM_014364

Protein Refseq

NP_055179

MIM

609169

UniProt ID

O14556

SDS-PAGE

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