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 Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AASequence	LPPHPATPPPKMVSVARELTVGINGFGRIGRLVLRACMEKGVKVVAVNDPFIDPEYM VYMFKYDSTHGRYKGSVEFRNGQLVVDNHEISVYQCKEPKQIPWRAVGSPYVVEST GVYLSIQAASDHISAGAQRVVISAPSPDAPMFVMGVNENDYNPGSMNIVSNASCTTN CLAPLAKVIHERFGIVEGLMTTVHSYTATQKTVDGPSRKAWRDGRGAHQNIIPASTG AAKAVTKVIPELKGKLTGMAFRVPTPDVSVVDLTCRLAQPAPYSAIKEAVKAAAKGP MAGILAYTEDEVVSTDFLGDTHSSIFDAKAGIALNDNFVKLISWYDNEYGYSHRVVDL 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 ḡ/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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