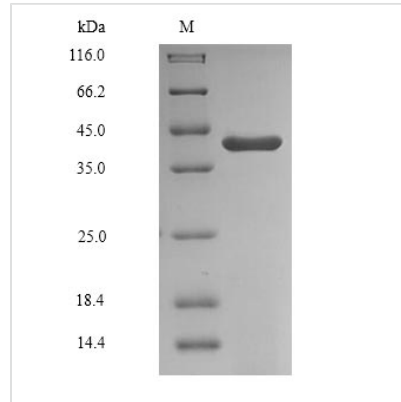




# Recombinant Human Glyceraldehyde-3-phosphate dehydrogenase, testis-specific (GAPDHS), partial

<b>Product Code</b>	CSB-BP009254HU
<b>Relevance</b>	May play an important role in regulating the switch between different pathways for energy production during spermiogenesis and in the spermatozoon. Required for sperm motility and male fertility (By similarity).
<b>Abbreviation</b>	Recombinant Human GAPDHS protein, partial
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O14556
<b>Alias</b>	Spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2 Short name:GAPDH-2
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥ 85% as determined by SDS-PAGE.
<b>Sequence</b>	MVSVARELTVGINGFGRIGRLVLRACMEKGVKVVAVNDPFIDPEYMVYMFKYD STHGRYKGSVEFRNGQLVVDNHEISVYQCCEPKQIPWRAVGSPIVVESTGVY LSIQAASDHISAGAQRVVISAPSPDAPMFVMGVNENDYNPGSMNIVSNASCTT NCLAPLAKVIHERFGIVEGLMTTVHSYTATQKTVDGSPSRKAWRDGRGAHQNII PASTGAAKAVTKVIPELKGKLTGMAFRVPTPDVSVVDLTCRLAQAPYSAIKEA VKAAAKGPMAGILAYTEDEVVSTDFLGDTHSSIFDAKAGIALNDNFVKLISWYD NEGYSHRVVDLLRYMFSRDK
<b>Research Area</b>	Signal Transduction
<b>Source</b>	Baculovirus
<b>Target Names</b>	GAPDHS
<b>Protein Names</b>	Spermatogenic cell-specific glyceraldehyde 3-phosphate dehydrogenase 2 Short name:GAPDH-2
<b>Expression Region</b>	69-408aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-tagged
<b>Mol. Weight</b>	39.1 kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

### Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

### Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.