

Recombinant Human GAPDS protein ab161972

1 Image

Description	
Product name	Recombinant Human GAPDS protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MSKRDIVLTNVTVVQLLRQPCPVTRAPPPPEPKAEVEPQ PQPEPTPVREE IKPPPPPLPPHPATPPPKMVSVARELTVGINGFGRIGRLVL RACMEKGVK VVAVNDPFIDPEYMYMFKYDSTHGRYKGSVEFRNGQLV VDNHEISVYQC KEPKQIPWRAVGSPYVVESTGVYLSIQAASDHISAGAQRV VISAPSPDAP MFVMGVNENDYNPGSMNIVSNASCTTNCLAPLAKVIHERF GVEGLMTTV HSYTATQKTVDGPSRKAWRDGRGAHQNIIPASTGAAKAVT KVIPELKGKL TGMAFRVPTPDVSVVDLTCRLAQPAFYSAIKEAVKAAAK GPMAGILAYTE DEVVSTDFLGDTHTSSIFDAKAGIALNDNFVKLISWYDNEYG YSHRVVDLL RYMFSRDK
Amino acids	1 to 408
Tags	GST tag N-Terminus

Specifications	
Our Abpromise guarantee covers the use of ab161972 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
Applications	ELISA Western blot
Form	Liquid

Additional notes

This product was previously labelled as GAPDHS.

Preparation and Storage

Stability and Storage

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function

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.

Tissue specificity

Testis specific.

Pathway

Carbohydrate degradation; glycolysis; pyruvate from D-glyceraldehyde 3-phosphate: step 1/5.

Sequence similarities

Belongs to the glyceraldehyde-3-phosphate dehydrogenase family.

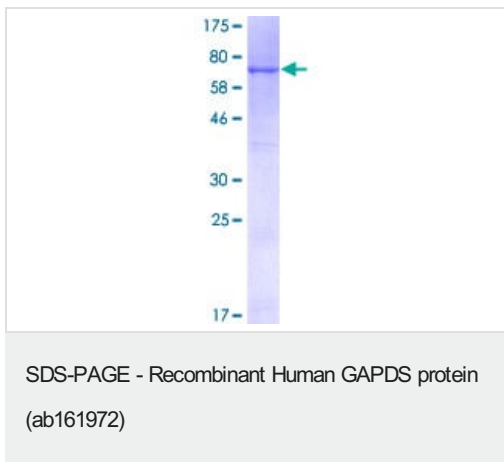
Domain

The testis-specific N-terminal extension mediates tight association with the cytoskeletal fibrous sheath of the spermatozoa flagellum, possibly via interchain disulfide-bonding of Cys-21 with sheath components.

Cellular localization

Cytoplasm.

Images



ab161972 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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