

Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH) Recombinant Protein | GAPDH recombinant protein

Recombinant Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH)

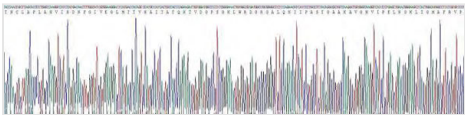
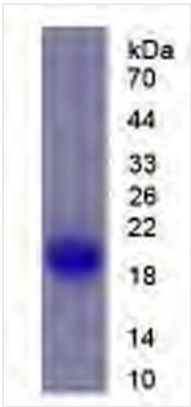
CATALOG # AAA134160	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---	---

PRODUCT SYNONYMS

Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH); Recombinant Glyceraldehyde-3-Phosphate Dehydrogenase (GAPDH); GAPDH recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 97%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose
Concentration	Original Concentration: 250ug/mL (varies by lot)
Applicable Applications for GAPDH recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Thr154~Val324
Tags	N-terminal His Tag
Subcellular Location	Membrane, Nucleus, Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	7.2
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



Identification
Figure. Gene Sequencing (Extract)

SDS-PAGE
Figure. SDS-PAGE

TNCLAPL AKVIHDFGI VEGMLTTVHA ITATQKTVDG PSGKLWRDGR
GALQNIIPAS TGAAKAVGV IPELNGKLTG MAFRVPTANV SVVOLTCLRE
KPAKYDDIKK VVKQASEGPL KGILGYTEHQ VVSSDFNSDT HSSTFDAGAG
IALNDHFVKL ISWYDNEFGY SNRV

Sequence
Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	378404908
NCBI GeneID	2597
NCBI GenBank Nucleotide #	NM_001256799.2
UniProt Accession #	P04406; P00354; Q53X65; E7EUT4
Molecular Weight	Predicted Molecular Mass: 19.5kDa Accurate Molecular Mass: 20kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	glyceraldehyde-3-phosphate dehydrogenase isoform 2
NCBI Official Synonym Full Names	glyceraldehyde-3-phosphate dehydrogenase
NCBI Official Symbol	GAPDH
NCBI Official Synonym Symbols	G3PD; GAPD; HEL-S-162eP
NCBI Protein Information	glyceraldehyde-3-phosphate dehydrogenase; aging-associated gene 9 protein; peptidyl-cysteine S-nitrosylase GAPDH; epididymis secretory sperm binding protein Li 162eP
UniProt Protein Name	Glyceraldehyde-3-phosphate dehydrogenase
UniProt Gene Name	GAPDH
UniProt Synonym Gene Names	GAPD; GAPDH
UniProt Entry Name	G3P_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.