

Product datasheet for AR51808PU-N

GAPDH (1-333, His-tag) Human Protein

Product data:

OriGene Technologies, Inc.

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Product Type:	Recombinant Proteins
Description:	GAPDH (1-333, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMVKVGVN GFGRIGRLVT RAAICSGKVE IVAINDPFID LNYMVYMFQY DSTHGKFNGT VKAENGKLVI NGKPITIFQE RDPTNIKWGE AGAEYVVEST GVFTTMEKAG AHLKGGAKRV IISAPSADAP MFVMGVNHEK YDNSLKIVSN ASCTTNCLAP LAKVIHDNFG IVEGLMTTVH AITATQKTVD GPSGKLWRDG RGAAQNIIPA STGAAKAVGK VIPELNGKLT GMAFRVPTPN VSVVDLTCRL EKPAKYDDIK KVVKQASEGP LKGILGYTED QVVSCDFNSN SHSSTFDAGA GIALNDNFVK LISWYDNEYG YSNRVVDLMA YMASKE
Tag:	His-tag
Predicted MW:	38.2 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffer saline (pH 7.4)containing 20% glycerol 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant mouse Gapdh, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>XP 001476757</u>
Locus ID:	100042025
UniProt ID:	<u>P16858, D2KHZ9</u>
Cytogenetics:	YB

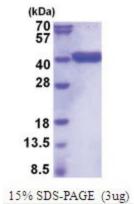


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GAPDH (1-333, His-tag) Human Protein – AR51808PU-N

Summary:Gapdh, also known as glyceraldehyde 3-phosphate dehydrogenase, is an enzyme of 37kDa
that catalyzes the sixth step of glycolysis and thus serves to break down glucose for energy
and carbon molecules. In addition to this long established metabolic function, Gapdh has
recently been implicated in several non-metabolic processes, including transcription
activation, initiation of apoptosis, ER to Golgi vesicle shuttling, and fast axonal, or axoplasmic
transport.

Product images:



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