

Growth Differentiation Factor 9 (GDF9) Recombinant Protein | GDF9 recombinant protein

Recombinant Growth Differentiation Factor 9 (GDF9)

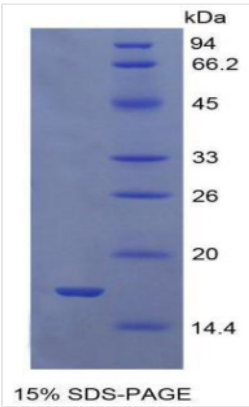
CATALOG # AAA134109	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Growth Differentiation Factor 9 (GDF9); Recombinant Growth Differentiation Factor 9 (GDF9); GDF9 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithN-t erminalHis -Tag,itsse quenceisli stedbelow. MGHHHH HHSSEF-GQ ETVSSELKKP LGPASFNLS YFRQFLLPQN ECELHDFRLS FSQKWDNWI VAPHRYNPRY CKGDCPRAVG HRYGSPVHTM VQNIYEKLD SSVPRPSCVP AKYSPLSVLT IEPDGSIAVK EYEDMIATKC TCR
Sequence Length	454
Applicable Applications for GDF9 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Gly320~Arg454 (Accession # O60383) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and 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 of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

G QETVSSELKK PLGPASFNLS EYFRQFLLPQ
NECELHDFRL SFSQLKWDNW IVAPHRYNPR YCKGDCPRAV GHRYGSPVHT
MVQNIIEYKL DSSVPRPSCV PAKYSPLSVL TIEPDGSIAY KEYEDMIATK
CTCR

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885261
NCBI GeneID	2661
NCBI Accession #	NP_005251.1
NCBI GenBank Nucleotide #	NM_005260.4
UniProt Accession #	O60383; Q4VAW5
Molecular Weight	17.0kDa
NCBI Official Full Name	growth/differentiation factor 9 isoform 1 preproprotein
NCBI Official Synonym Full Names	growth differentiation factor 9
NCBI Official Symbol	GDF9
NCBI Protein Information	growth/differentiation factor 9; GDF-9
UniProt Protein Name	Growth/differentiation factor 9
UniProt Gene Name	GDF9
UniProt Synonym Gene Names	GDF-9
UniProt Entry Name	GDF9_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.

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Online datasheet: <https://stage.aaabiotech.com/gdf9-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134109>