

Growth/differentiation factor 9 (GDF9) Recombinant Protein | GDF9 recombinant protein

Recombinant Sheep Growth/differentiation factor 9 (GDF9)

CATALOG #
AAA116006

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Growth/differentiation factor 9 (GDF9); Recombinant Sheep Growth/differentiation factor 9 (GDF9); GDF9 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	319-453aa; Full Length of Mature Protein
Sequence	DQESASSELK KPLVPASVNL SEYFKQFLFP QNECELHDFR LSFSQLKWDN WIVAPHKYNP RYCKGDCPRA VGHRYGSPVH TMVQNIIHEK LDSSVPRPSC VPAKYSPLSV LAIEPDGSIA YKEYEDMIAT KCTCR
Species	Sheep
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for GDF9 recombinant protein	Growth factors synthesized by ovarian somatic cells directly affect oocyte growth and function. Growth differentiation factor-9 (GDF9) is expressed in oocytes and is thought to be required for ovarian folliculogenesis. GDF9 is a member of the transforming growth factor-beta superfamily.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	388240763
NCBI GeneID	100217402
NCBI Accession #	NP_001136360.2
NCBI GenBank Nucleotide #	NM_001142888.2
UniProt Accession #	O77681
Molecular Weight	51,776 Da
NCBI Official Full Name	growth/differentiation factor 9
NCBI Official Symbol	GDF9
NCBI Official Synonym Symbols	GDF-9
NCBI Protein Information	growth/differentiation factor 9
UniProt Protein Name	Growth/differentiation factor 9
UniProt Gene Name	GDF9

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/gdf9-recombinant-protein-e-coli/116006>