Vitellogenin-3 (VTG3) Chicken Recombinant Protein

PRODUCT OVERVIEW

Product Name	Vitellogenin-3 (VTG3), Recombinant Protein
Full Product Name	Recombinant Chicken Vitellogenin-3 (VTG3)
Product Gene Name	VTG3 recombinant protein
Product Synonym Gene Name	VTG3
Sequence	QKHDLEPVFS TGKTYLYDYK GLILHGLPGK GLAAAGLKLT CRLEISRVSR SDHLLQIENV FKVANKTRHH KKWIHSRVKA AVTDLWEEPS ATPLSSSSST DSSAEGEEPG NKRDKDEIWQ FGKKYGADSS SSSSSSSTGS GSSKTCSSSR EDSSRDKHCS VDSEYFNQQA DLPIYQFWFK PADEQDPRRK VQNSSISSSS SSSSDEGIST PVSQPMFLGD SKPPVLAAVL RAIRRNEQPT GYQLVLYTDR QASRLRVQVF VSSITESDRW KLCADASVVN SHKASGTLKW GKDCQDYQVA TQIATGQFAA HPAIQVKLEW SEVPSSVRKT AR
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
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.
Molecular Weight	38,151 Da
Sequence Positions	16-347, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q91025
Species	Chicken
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for VTG3 recombinant protein	MBS1332969 is a recombinant protein targeting VTG3. Also known as Recombinant Chicken Vitellogenin-3 (VTG3). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of VTG3 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for VTG3. It may not necessarily be applicable to this product.

NCBI GI #	21431726
NCBI Accession #	Q91025.2
UniProt Primary Accession #	Q91025
UniProt Secondary Accession #	Q91028
NCBI Official Full Name	Vitellogenin-3

UniProt Protein Name	Vitellogenin-3
UniProt Synonym Protein Names	Minor vitellogenin; VYGIII; Vitellogenin III
UniProt Gene Name	VTG3
UniProt Synonym Gene Names	VTGIII; PV
UniProt Comments for VTG3	Precursor of the egg-yolk proteins that are sources of nutrients during early development of oviparous organisms.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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