Vacuolar Protein Sorting-Associated Protein 53 Homolog (VPS53) Chicken Recombinant Protein

PRODUCT OVERVIEW

Product Name	Vacuolar protein sorting-associated protein 53 homolog (VPS53), Recombinant Protein
Full Product Name	Recombinant Chicken Vacuolar protein sorting-associated protein 53 homolog (VPS53), partial
Product Gene Name	VPS53 recombinant protein
Product Synonym Gene Name	VPS53
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	93,705 Da
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 Q5ZLD7
Species	Chicken
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for VPS53 recombinant protein	This gene encodes a protein with sequence similarity to the yeast Vps53p protein. Vps53p is involved in retrograde vesicle trafficking in late Golgi.
Other Notes	Small volumes of VPS53 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.
Searchable Terms for VPS53 purchase	MBS1310107 is a recombinant protein targeting VPS53. Also known as Recombinant Chicken Vacuolar protein sorting-associated protein 53 homolog (VPS53), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for VPS53. It may not necessarily be applicable to this product.

NCBI GI #	61098326
NCBI GeneID	417622
NCBI Accession #	NP_001012824.1
UniProt Primary Accession #	Q5ZLD7
UniProt Related Accession #	Q5ZLD7
GenBank Nucleotide #	NM_001012806.1
NCBI Official Full Name	vacuolar protein sorting-associated protein 53 homolog

NCBI Official Synonym Full Names	VPS53, GARP complex subunit
NCBI Official Symbol	VPS53
UniProt Protein Name	Vacuolar protein sorting-associated protein 53 homolog
Protein Family	Vacuolar protein sorting-associated protein
UniProt Gene Name	VPS53
NCBI Protein Information	vacuolar protein sorting-associated protein 53 homolog
UniProt Comments for VPS53	Acts as component of the GARP complex that is involved in retrograde transport from early and late endosomes to the trans-Golgi network (TGN). Acts as component of the EARP complex that is involved in endocytic recycling.
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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