Extracellular Fatty Acid-Binding Protein (Ex-FABP) Coturnix Coturnix Japonica Recombinant Protein

PRODUCT OVERVIEW

Product Name	Extracellular fatty acid-binding protein (Ex-FABP), Recombinant Protein
Full Product Name	Recombinant Coturnix coturnix japonica Extracellular fatty acid-binding protein
Product Gene Name	Ex-FABP recombinant protein
Product Synonym Names	Extracellular fatty acid-binding protein; Ex-FABP; Lipocalin Q83
Sequence	AATVPDRSEI AGKWYVVALA SNTEFFLREK DKMKMAMARI SFLGEDELKV SYAVPKPNGC RKWETTFKKT SDDGEVYYSE EAKKKVEVLD TDYKSYAVIY ATRVKDGRTL HMMRLYSRSP EVSPAATAIF RKLAGERNYT DEMVAMLPRQ EECTVDEV
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	20,179 Da
Sequence Positions	21-178. Full Length of Mature 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 Q9I9P7
Species	Coturnix coturnix japonica (Japanese quail) (Coturnix japonica)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Ex-FABP recombinant protein	MBS1373275 is a recombinant protein targeting Ex-FABP. Also known as Recombinant Coturnix coturnix japonica Extracellular fatty acid-binding protein. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Ex-FABP 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 Ex-FABP. It may not necessarily be applicable to this product.

NCBI GI #	20177877
NCBI Accession #	Q9I9P7.1
UniProt Primary Accession #	Q9I9P7
UniProt Secondary Accession #	Q98SI8

NCBI Official Full Name	Extracellular fatty acid-binding protein
UniProt Protein Name	Extracellular fatty acid-binding protein
UniProt Synonym Protein Names	Lipocalin Q83
Protein Family	Extracellular fatty acid-binding protein
UniProt Gene Name	Ex-FABP
UniProt Synonym Gene Names	Ex-FABP
UniProt Entry Name	EXFAB_COTJA
UniProt Comments for Ex-FABP	Siderocalin-like lipocalin tightly binding a variety of bacterial ferric siderophores, also binds long-chain unsaturated fatty acids such as linoleic acid, oleic acid, arachidonic acid and, with a lower affinity, long chain saturated fatty acids such as steraic acid. May act as an antibacterial factor, through dual ligand specificity, both as a siderophore-sequestrating molecule and a lysophosphatidic acid (LPA) sensor.
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