UPF0554 Protein C2orf43 (C2ORF43) Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	UPF0554 protein C2orf43 (C2orf43), Recombinant Protein
Full Product Name	Recombinant Human UPF0554 protein C2orf43 (C2orf43)
Product Gene Name	C2orf43 recombinant protein
Product Synonym Gene Name	C2orf43
Sequence	MDSELKEEIP VHEEFILCGG AETQVLKCGP WTDLFHDQSV KRPKLLIFII PGNPGFSAFY VPFAKALYSL TNRRFPVWTI SHAGHALAPK DKKILTTSED SNAQEIKDIY GLNGQIEHKL AFLRTHVPKD MKLVLIGHSI GSYFTLQMLK RVPELPVIRA FLLFPTIERM SESPNGRIAT PLLCWFRYVL YVTGYLLLKP CPETIKSLLI RRGLQVMNLE NEFSPLNILE PFCLANAAYL GGQEMMEVVK RDDETIKEHL CKLTFYYGTI DPWCPKEYYE DIKKDFPEGD IRLCEKNIPH AFITHFNQEM ADMIADSLKD DLSKM
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	22,663 Da
Sequence Positions	1-325, 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.
OMIM	613570
3D Structure	ModBase 3D Structure for Q9H6V9
Species	Human
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for C2orf43 recombinant protein	MBS1380462 is a recombinant protein targeting C2orf43. Also known as Recombinant Human UPF0554 protein C2orf43 (C2orf43). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of C2orf43 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 C2orf43. It may not necessarily be applicable to this product.

NCBI GI #	544186008
NCBI GeneID	60526
NCBI Accession #	NP_001269649.1
UniProt Primary Accession #	Q9H6V9

UniProt Secondary Accession #	Q53T37; Q53T58; B7ZA47; B7ZAJ5; D6W530; E7ESN0
UniProt Related Accession #	Q9H6V9
GenBank Nucleotide #	NM_001282720.1
NCBI Official Full Name	lipid droplet-associated hydrolase isoform c
NCBI Official Synonym Full Names	lipid droplet associated hydrolase
NCBI Official Symbol	LDAH
NCBI Official Synonym Symbols	hLDAH; C2orf43
UniProt Protein Name	Lipid droplet-associated hydrolase
UniProt Synonym Protein Names	Lipid droplet-associated serine hydrolase
UniProt Gene Name	LDAH
UniProt Synonym Gene Names	hLDAH
NCBI Protein Information	lipid droplet-associated hydrolase
UniProt Comments for C2orf43	Serine lipid hydrolase associated with lipid droplets. Highly expressed in macrophage-rich areas in atherosclerotic lesions, suggesting that it could promote cholesterol ester turnover in macrophages.
Research Articles on C2orf43	**1.** The data identify lipid droplet-associated serine hydrolase (LDAH) a candidate target to promote reverse cholesterol transport from atherosclerotic lesions.
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