F-Box/Wd Repeat-Containing Protein Sel-10 (sel-10) Caenorhabditis Briggsae Recombinant Protein

PRODUCT OVERVIEW

Product Name	F-box/WD repeat-containing protein sel-10 (sel-10), Recombinant Protein
Full Product Name	Recombinant Caenorhabditis briggsae F-box/WD repeat-containing protein sel-10 (sel-10), partial
Product Gene Name	sel-10 recombinant protein
Product Synonym Gene Name	sel-10
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	65,816 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 Q61FW2
Species	Caenorhabditis briggsae
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for sel-10 recombinant protein	MBS1334015 is a recombinant protein targeting sel-10. Also known as Recombinant Caenorhabditis briggsae F-box/WD repeat-containing protein sel-10 (sel-10), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of sel-10 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 sel-10. It may not necessarily be applicable to this product.

NCBI GI #	268554490
NCBI GeneID	8577228
NCBI Accession #	XP_002635232.1
UniProt Primary Accession #	Q61FW2
UniProt Secondary Accession #	A8XCX4
UniProt Related Accession #	Q61FW2
GenBank Nucleotide #	XM_002635186.1
NCBI Official Full Name	C. briggsae CBR-SEL-10 protein

NCBI Official Symbol	Cbr-sel-10
UniProt Protein Name	F-box/WD repeat-containing protein sel-10
UniProt Synonym Protein Names	Suppressor/enhancer of lin-12 protein 10
Protein Family	F-box/WD repeat-containing protein
UniProt Gene Name	sel-10
NCBI Protein Information	C. briggsae CBR-SEL-10 protein
UniProt Comments for sel-10	Probable substrate recognition component of SCF (SKP1-CUL-F-box protein) E3 ubiquitin-protein ligase complex, which mediates the ubiquination and subsequent proteasomal degradation of target proteins. Regulates synapse elimination in early development in the motor neuron HSNL. Cell autonomous negative regulator of lin-12/Notch-mediated signaling, with respect to lin-12 activity in cell fate decisions and tumorigenesis. May target the intracellular domains of lin-12/Notch proteins for ubiquitin-dependent degradation. Involved in sex determination by promoting female development. Potential regulator of presenilin. May have a role in egg laying. Regulates zyg-1 levels (possibly redundantly with lin-23) to control centrosome duplication during mitosis. Negatively regulates lin-45 activity and protein stability, probably by targeting it for ubiquitination and proteasomal degradation.
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