Fructokinase (LOC102577816), Recombinant Protein

CD BioSciences
Plant Protein

Cat *RP15297*

Size *0.02 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (E-Coli)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)*

Species
Solanum tuberosum (Potato)

Full Product Name
Recombinant Solanum tuberosum Fructokinase

Product Gene Name
LOC102577816 recombinant protein

Purity
Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence
MAVNGSALSS GLIVSFGEML IDFVPTVSGV SLAEAPGFLK APGGAPANVA IAVTRLGGKS AFVGKLGDDE FGHMLAGILK TNGVQADGIN FDKGARTALA FVTLRADGER EFMFYRNPSA DMLLTPDELN LDLIRSAKVF HYGSISLIVE PCRSAHLKAM EVAKEAGALL SYDPNLRLPL WSSEAEARKA IKVSDVELEF LTGSDKIDDE SAMSLWHPNL KLLLVTLGEK GCNYYTKKFH GSVGGFHVKT VDTTGAGDSF VGALLTKIVD DQAILEDEAR LKEVLRFSCA CGAITTTKKG AIPALPTESE ALTLLKGGA

Sequence Positions
1-319, Full length protein

Format
Lyophilized or liquid (Format to be determined during the manufacturing process)

Host
E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight
33,765 Da

Storage
Store at -20℃. For long-term storage, store at -20℃ or -80℃. Store working aliquots at 4℃ for up to one week. Repeated freezing and thawing is not recommended.

Protein Family
Fructokinase

NCBI Accession
P37829.1

NCBI GI
585973

NCBI GeneID
102577816

NCBI Official Full Name
Fructokinase

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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https://www.cd-biosciences.com/plant-protein/

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NCBI Official Symbol
LOC102577816

NCBI Protein Information
fructokinase-like

UniProt Protein Name
Fructokinase

UniProt Primary Accession
P37829

UniProt Related Accession
P37829

UniProt Comments
May play an important role in maintaining the flux of carbon towards starch formation.

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