

Recombinant Full Length Capsicum Annuum Acid Beta-Fructofuranosidase Aiv-18 Protein, His-Tagged

Cat. No. RFL1004CF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Capsicum annuum Acid beta-fructofuranosidase AIV-18 Protein (P93761) (1-640aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Capsicum annuum (Bell pepper)
Source	E.coli
ProteinLength	Full Length (1-640)
Form	Lyophilized powder
AA Sequence	MAIHPSSYDPETSTTHYTFLPGQPDSGHRKSIKVSVILLSSFFLLYLAAFVILNNQPP N LQNKSPSASELTLPATPSRGVSQGVSEKTFKDVSGTSQVSYTWSNAMLNWQRT AYHFQPQ KNWMNDPNGPLYHKGWYHLFYQYNPDSAIWGNITWGHAVSTDLIHWL YLPFAMVPDQWYD INGVWTGSATILPDGLIMMLYTGDTDDYVQVQNLAYPANLSDP LLLDWKYQGNPVLVPP PGIGVKDFRDPTTAWTGPQNGQWLLTIGSKVGKTGIALV YETSNFKLLDGVLHAVPGTGM WECVDFYPVSTLDANGLDTSYNGPGIKHVLKASLD DNKQDHYVIGTYDPVKNKFSPDNP LDCGIGLRLDYGRYYASKTFYDPKKQRRVL WGWIGETDSESADLQKGWASVQSIPTVLF DKKTGTHLLQWPVAEIESLRSGDPKV KEVNLQPGSIELLHVDAAQFDIEASFEVDRVTLEGIIEADVGYNCSSTSGGAASRGIL GPFGVVVIADQTLSELTPVYFYISRGADGRAEAHFC ADQTRSSEAPGVAKQVYGSS VPVLDGEKHRMRLLDHSIVESFAQGGRTVITSRIYPTKA VNGAARLFVFNNATGAI VTASLKIWSLESADIRSFPLQKL

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Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Capsicum annuum Acid beta-fructofuranosidase AIV-18
Synonyms	Acid beta-fructofuranosidase AIV-18; Acid invertase; Acid sucrose hydrolase
UniProt ID	P93761

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