

CASP-like protein Sb04g002820 (Sb04g002820) (SORBIDRAFT_04g002820), Recombinant Protein

Cat *RP19932*

Species

Sorghum bicolor (Sorghum) (Sorghum vulgare)

Full Product Name

Recombinant Sorghum bicolor CASP-like protein Sb04g002820 (Sb04g002820)

Product Synonym Names

Recombinant CASP-like protein Sb04g002820 (Sb04g002820); CASP-like protein Sb04g002820

Product Gene Name

SORBIDRAFT_04g002820 recombinant protein

Purity

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

Sequence

MGLRDSLKER EDRRSSEEEG DARQSWMTRE STTGWRKEST AALGTPVADW QCVLLLQFGA LQQKLLKAFP
RAGPRPTTTL VPARPERARK KPHSQPPPST HMALQAQATA SPSPSPSPTR GRTGSGEWPD DAEKLPAAAT
ASPARSSDAV ELVVVASTRH AAAAKYVPRR STSHTADPNP GRGGGGGSAG WYSWNGGRTR TAAPPRHARA
DPPAPPRRQ QPVEAPPPPP PPPPPAPAP ALPPPVPSP PAPAQAPVPP SATAPAPAPV PAPERASSPHV
QFRSADQVVP NILSRKRRAA AMQRTALLAR GAAAGLCLAA LAVLAADTRK GWARDSYSNY TQFRYSEAVN
VIGFIYSVFQ FVALVELMRR NKHLIPHPKR DLFDFMTDQV LTYLLISSSS SATARVSDLI DNWGSDPFPS
MANGSIAISF LAFVFAICS LISAYNLFRR DV

Sequence Positions

1-452

Format

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

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

48,348 Da

Storage

Store at -20°C. For extended storage, store at -20 or -80°C.

NCBI Accession

XP_002453268.1

NCBI GI

242063958

NCBI GenBank Nucleotide

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP19932*

XM_002453223.1

NCBI GeneID

8057526

NCBI Official Full Name

hypothetical protein SORBIDRAFT_04g002820

NCBI Official Symbol

SORBIDRAFT_04g002820

NCBI Official Synonym Symbols

Sb04g002820

NCBI Protein Information

hypothetical protein

UniProt Protein Name

CASP-like protein Sb04g002820

UniProt Entry Name

CSPL8_SORBI

UniProt Primary Accession

C5XTX2

UniProt Related Accession

C5XTX2

UniProt Comments

Subunit structure: Homodimer and heterodimers

By similarity.

Subcellular location: Cell membrane; Multi-pass membrane protein

By similarity.

Sequence similarities: Belongs to the Casparian strip membrane proteins (CASP) family.

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