

Protein TIC 20-v (TIC20-V), Recombinant Protein

Cat *RP08627*

Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Protein TIC 20-v, chloroplastic (TIC20-V)

Product Gene Name

TIC20-V recombinant protein

Purity

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

Sequence

QSKGDDSVDA SDRIISAVCY FYPFFDGIQY GKFIITQYQP FQILIQPLFP AIRAFKSFPF NGFLIFITLY
FVVVRNPNFS RYVRFNTMQA IVLDVLLIFP DLLERSFNPR DGFGLDVVMS LDSTVFLFLL VSLIYGFSAC
LFGLTPRLPL VAEAADRQVL

Sequence Positions

50-209aa; full length protein

Format

Liquid containing glycerol

Host

Cell Free Expression

Molecular Weight

23,652 Da

Storage

Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Protein Family

Protein

NCBI Accession

NP_200382.1

NCBI GI

15240567

NCBI GenBank Nucleotide

NM_124953.1

NCBI GeneID

835665

NCBI Official Full Name

uncharacterized protein

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

Protein TIC 20-v (TIC20-V), Recombinant Protein

Cat *RP08627*

Size *0.02 mg/ 0.1 mg/ 5x0.1 mg*

NCBI Official Symbol

AT5G55710

NCBI Official Synonym Symbols

MDF20.15; MDF20_15

NCBI Protein Information

hypothetical protein

UniProt Gene Name

TIC20-V

UniProt Synonym Gene Names

AtTIC20-v

UniProt Protein Name

Protein TIC 20-v, chloroplastic

UniProt Synonym Protein Names

Translocon at the inner envelope membrane of chloroplasts 20-V; AtTIC20-v

UniProt Entry Name

TI205_ARATH

UniProt Primary Accession

Q9FM67

UniProt Secondary Accession

Q8LBB6

UniProt Related Accession

Q9FM67

UniProt Comments

May be involved in protein precursor import into chloroplasts. Not redundant with TIC20-I, TIC20-II or TIC20-IV.

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