

Probable signal peptidase complex subunit 2 (AT2G39960), Recombinant Protein

Cat *RP00404*

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

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Probable signal peptidase complex subunit 2 (At2g39960)

Product Gene Name

AT2G39960 recombinant protein

Purity

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

Sequence

MEEKKTESTN KNVKKANLLD HHSIKHILDE SVSDIVTSRG YKEDVRLSNL KLILGTIIIV VALVAQFYNK
KFPENRDFLI GCIALYVVLN AVLQLILYTK EKNAILFTYP PEGSFTSTGL VVSSKLPRFS DQYTLTIDSA
DPKSISAGKS VQLTKSVTQW FTKDGVLEGI LFWKDVEALI KNYAEEEEPKK KK

Sequence Positions

1-192aa; full length protein

Format

Liquid containing glycerol

Host

Cell Free Expression

Molecular Weight

21,642 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

Probable signal peptidase complex

NCBI Accession

NP_181525.2

NCBI GI

30688096

NCBI GenBank Nucleotide

NM_129554.3

NCBI GeneID

818583

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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Cat *RP00404*

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

NCBI Official Full Name

signal peptidase complex subunit 2

NCBI Official Symbol

AT2G39960

NCBI Official Synonym Symbols

T28M21.12; T28M21_12

NCBI Protein Information

signal peptidase complex subunit 2

UniProt Gene Name

At2g39960

UniProt Synonym Gene Names

SPase 25 kDa subunit

UniProt Protein Name

Probable signal peptidase complex subunit 2

UniProt Synonym Protein Names

Microsomal signal peptidase 25 kDa subunit; SPase 25 kDa subunit

UniProt Entry Name

SPCS2_ARATH

UniProt Primary Accession

P58684

UniProt Related Accession

P58684

UniProt Comments

Microsomal signal peptidase is a membrane-bound endoproteinase that removes signal peptides from nascent proteins as they are translocated into the lumen of the endoplasmic reticulum.

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