

Rhodanese-like domain-containing protein 7 (STR7), Recombinant Protein

Cat *RP01828*

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*)/ 0.1 mg (*Mammalian-Cell*)/ 1
mg (*Yeast*)/ 1 mg (*Baculovirus*)/ 0.5 mg (*Mammalian-Cell*)
Species *Arabidopsis thaliana* (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* Rhodanese-like domain-containing protein 7 (STR7)

Product Gene Name

STR7 recombinant protein

Product Synonym Gene Name

STR7

Purity

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

Sequence

MLRFYHWRFP PSLAVVRMLS SPPPPHSHSP FSGGGVNSNS VGGNSKPELQ FPQSQPHKLS SSPSSSLKST
VACSNAGAIR RSMATVSQAF SERTESIDSD LGSLVVVSFY KFADFPEHAD FRKPLKDLCE KLRVSGGIIL
APEGINGSIC GIRESVEEVL AFIQRDVRLN GLRQVETPVS PEQEAIHHGH SSSSPLAAGE DAPFRWDHVR
VKLKKEIVTL GIPSVSPIER VGTYVSPEEW NELISDPETV VIDVRNTYET RIGKFKGAVD PCTTAFRNFP
SWVENQFALK QEGNETQAKV EKEDFSEITH KEDKAEKPKT LPRIAMYCTG GIRCEKASSL LLSQGFEVY
HLKGGILKYL EEVPKTESLW EGECFVFDKR VSVEHGLAQQ THKLCYGCKQ PISDEDMEAP EYEYGVSCP
CYSKKSEEEK ERARARQTQF EEWGVIGGPD KGRRPATKPD SPRKKINAKL GSSI

Sequence Positions

1-474, 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

52,677 Da

Storage

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

Protein Family

Rhodanese-like domain-containing protein

NCBI Accession

NP_565940.1

NCBI GI

18405495

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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mg (Baculovirus)/ 1 mg (E-Coli)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Yeast)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)
NCBI GenBank Nucleotide #
NM_129638.4

NCBI GeneID

818672

NCBI Official Full Name

Rhodanese/Cell cycle control phosphatase superfamily protein

NCBI Official Symbol

AT2G40760

NCBI Official Synonym Symbols

T7D17.1

NCBI Protein Information

Rhodanese/Cell cycle control phosphatase superfamily protein

UniProt Gene Name

STR7

UniProt Synonym Gene Names

AtStr7

UniProt Protein Name

Rhodanese-like domain-containing protein 7

UniProt Synonym Protein Names

Sulfurtransferase 7; AtStr7

UniProt Primary Accession

Q1JPN0

UniProt Secondary Accession

Q56W89

UniProt Related Accession

Q1JPN0

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