

# Sulfate transporter 3.2 (SULTR3;2), Recombinant Protein

Cat      *RP08748*

Size      1 mg (*E-Coli*)/ 1 mg (*Yeast*)

## Species

*Arabidopsis thaliana* (Mouse-ear cress)

## Full Product Name

Recombinant *Arabidopsis thaliana* Sulfate transporter 3.2 (SULTR3;2) , partial

## Product Gene Name

SULTR3;2 recombinant protein

## Purity

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

## Sequence

MSSKRASQYH QVEIPPPQPF LKSLKNTLNE ILFADDPFRR IRNESKTSKK IELGLRHVFP ILEWARGYSL  
EYLKSDVISG ITIASLAIPQ GISYAQLANL PPILGLYSSL VPPLVYAIMG SSRDLAVGTV AVASLLTAAM  
LGKEVNAVVN PKLYLHLAFT ATFFAGLMQT CLGLLRLGFV VEILSHAAIV GFMGGAATVV CLQQLKGLLG  
LHHFTHSTDI VTVLRSIFSQ SHMWRWESGV LGCCFLIFLL TTKYISKKRP KLFWISAMSP LVSIVFGTIF  
LYFLHDQFHG IQFIGELKKG INPPSITHLV FTPPYVMLAL KVGITGVIA LAEGIAVGRS FAMYKNYNID  
GNKEMIAFGM MNILGSFSSC YLTGPFSSRS AVNYNAGCKT ALSNVVMAVA VAVTLLFLTP LFFYTPLVVL  
SSIIAAMLG LVDYEAAILH WKLDKFDFFV CLSAYLGVVF GTIEIGLILS VGISVMRLVL FVGRPKIYVM  
GNIQNSEIYR NIEHYPQAIT RSSLLILHID GPIYFANSTY LRDRIGRWID EEEDKLRTSG DISLQYIVLD  
MSAVGNIDTS GISMLEELNK ILGRRELKLV IANPGAUEVMK KLSKSTFIES IGERIYLTV AEAVAACDFM  
LHTAKPDSPV PEFNNV

## Sequence Positions

1-646

## Format

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

## Host

*E Coli* or *Yeast* or *Baculovirus* or *Mammalian Cell*

## Molecular Weight

71,270 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

Sulfate transporter

## NCBI Accession #

NP\_192179.1

## NCBI GI #

15235467

## NCBI GenBank Nucleotide #

NM\_116504.3

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**

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Size *1 mg (E-Coli)/ 1 mg (Yeast)*

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## NCBI GeneID

828201

## NCBI Official Full Name

sulfate transporter 3;2

## NCBI Official Symbol

SULTR3;2

## NCBI Official Synonym Symbols

sulfate transporter 3;2

## NCBI Protein Information

sulfate transporter 3;2

## UniProt Gene Name

SULTR3;2

## UniProt Protein Name

Sulfate transporter 3.2

## UniProt Synonym Protein Names

AST77

## UniProt Primary Accession #

O04289

## UniProt Related Accession #

O04289

## UniProt Comments

H<sup>+</sup>/sulfate cotransporter that may play a role in the regulation of sulfate assimilation.

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