

GDSL esterase/lipase 5 (GLIP5), Recombinant Protein

Cat *RP05433*

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

Full Product Name

Recombinant *Arabidopsis thaliana* GDSL esterase/lipase 5 (GLIP5)

Product Gene Name

GLIP5 recombinant protein

Product Synonym Gene Name

GLIP5

Purity

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

Sequence

AKISHNGDNN VTALFLFGDS FLDAGNNNYI NTTTTLDQANF PPYGQTFGL PTGRFSDGRL ISDFIAEYAN
LPLPPFLEP GNSQKKLYGV NFASAGAGAL VETFQGSVIN LRTQLDHYKK VERLWRTNFG KEESKKRISR
AVYLISIGSN DYSSIFLTNQ SLPISMSQHV DIVIGNLTTF IHEIYKIGGR KFGFLNVPDL GCFPALRILQ
PKNDDSCLRD ASRLASMHNH ALTNLLFQMQ RQVKGFKFSL FDMNKSLRLR MQHPSKFGFK EGEEACCGTG
KWRGVFSCGG KRIVKEYQLC ENPKDYIFWD SLHLTQNTYN QFANLIWNGG HMSDSLTVGP YNINNLFQIP

Sequence Positions

36-385, 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

43,458 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

GDSL esterase/lipase

NCBI Accession

NP_175795.2

NCBI GI

30695607

NCBI GenBank Nucleotide

NM_104270.3

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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(Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 0.1

NCBI GeneID
841830 mg (Baculovirus)/ 1 mg (E-Coli)/ 1 mg (Yeast)/ 0.1 mg
(Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-
Cell)

NCBI Official Full Name

GDSL-motif lipase 5

NCBI Official Symbol

GLIP5

NCBI Official Synonym Symbols

GDSL-motif lipase 5; T18A20.15; T18A20_15

NCBI Protein Information

GDSL-motif lipase 5

NCBI Summary

Contains lipase signature motif and GDSL domain.

UniProt Gene Name

GLIP5

UniProt Protein Name

GDSL esterase/lipase 5

UniProt Synonym Protein Names

Extracellular lipase 5

UniProt Primary Accession

Q9SSA7

UniProt Related Accession

Q9SSA7

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