

ABC transporter G family member 1 (ABCG1), Recombinant Protein

Cat *RP05048*

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

Species

Arabidopsis thaliana (Mouse-ear cress)

Full Product Name

Recombinant *Arabidopsis thaliana* ABC transporter G family member 1 (ABCG1)

Product Gene Name

ABCG1 recombinant protein

Product Synonym Gene Name

WBC1

Purity

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

Sequence

MARIVAANDD DSMELNTISS IHDSTLGQLL KNVSDVRKMA IGDETPVHES LNQDYNDGYM RTVPFVLSFD
NLTYNVSVRP KLDFRNLFP RRTEDPEIAQ TARPCKTKLL NNISGETRDG EIMAVLGASG SGKSTLIDAL
ANRIAKGSLK GTVKLNGETL QSRMLKVISA YVMQDDLLFP MLTVEETLMF AAEFRLPRSL PKSKKKLRVQ
ALIDQLGIRN AAKTIIGDEG HRGISGGERR RVSIGIDIIH DPILLFLDEP TSGLDSTSAF MVMKVLKRIA
QSGSIVIMSI HQPSHRVLGL LDRLIFLSRG HTVYSGSPAS LPRFFTEFGS PIPENENRTE FALDLIRELE
GSAGGTRGLI EFNKKWQEMK KQSNRQPPLT PPSSPYPNLT LKEAIAASIS RGKLVSGGES VAHGGATTNT
TTLAVPAFAN PMWIEIKTLS KRSM LNRRQ PELFGIRIAS VVITGFILAT VFWRLDNSPK GVQERLGFFA
FAMSTMFYTC ADALPVFLQE RYIFMRETAY NAYRRSSYVL SHAIVSFPSL IFLSVAFAT TYWAVGLDGG
LTGLLFYCLI ILASFWGSS FVTFLSGVVP SVM LGYTIVV AILAYFLLFS GFFINRNRIP DYWIWFHYMS
LVKYPYEAVL QNEFSDATKC FVRGVQIFDN TPLGELPEVM KKLKLLGT VSK SLGVTISSTT CLTTGSDILR
QQGVVQLSKW NCLFITVAFG FFFRILFYFT LLLGSKNKR

Sequence Positions

1-740aa; full length protein

Format

Liquid containing glycerol

Host

Cell Free Expression

Molecular Weight

82,331 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

ABC transporter G family

NCBI Accession

NP_181467.1

NCBI GI

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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

15225076

NCBI GenBank Nucleotide

NM_129492.3

NCBI GeneID

818520

NCBI Official Full Name

ABC transporter G family member 1

NCBI Official Symbol

AT2G39350

NCBI Official Synonym Symbols

T16B24.1; T16B24_1

NCBI Protein Information

ABC transporter G family member 1

UniProt Gene Name

ABCG1

UniProt Synonym Gene Names

WBC1; ABC transporter ABCG.1; AtABCG1; AtWBC1

UniProt Protein Name

ABC transporter G family member 1

UniProt Synonym Protein Names

White-brown complex homolog protein 1; AtWBC1

UniProt Entry Name

AB1G_ARATH

UniProt Primary Accession

O80946

UniProt Related Accession

O80946

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