

PHD finger protein ALFIN-LIKE 2 (AL2), Recombinant Protein

Cat RP00467

Size 0.02 mg (E-Coli)/ 0.1 mg (E-Coli)/ 0.02 mg (Yeast)/ 0.1 mg (Yeast)/ 0.02 mg (Baculovirus)/ 0.02 mg (Mammalian-Cell)/ 1

mg (E-Coli)/ 0.1 mg (Baculovirus)/ 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 PHD finger protein ALFIN-LIKE 2 (AL2)

Product Gene Name

AL2 recombinant protein

Product Synonym Gene Name

AL2

Purity

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

Sequence

MAAAVSSNP RTVEEIFKDY SARRAALLRA LTKDVDDFYS QCDPEKENLC LYGHPNESWE VNLPAEEVPP
ELPEPALGIN FARDGMQRKD WLSLVAVHSD CWLLSVSFYF GARLNRNERK RLFSLINDLP TLFDVVTGRK
AMKDNKPSSD SGSKSRNGTK RSIDGQTKSS TPKLMEESYE EEEEEDEHGD TLCGSCGGHY TNEEFWICCD
VCERWYHGKC VKITPAKAES IKQYKCPPCC AKKGRQ

Sequence Positions

1-246, 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

27,832 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.

NCBI Accession

NP_187729.1

NCBI GI

15229696

NCBI GenBank Nucleotide

NM_111955.3

NCBI GeneID

820290

NCBI Official Full Name

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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alfin-like 2 mg (E-Coli)/ 0.1 mg (Baculovirus)/ 1 mg (Yeast)/ 0.1 mg (Mammalian-Cell)/ 1 mg (Baculovirus)/ 0.5 mg (Mammalian-Cell)

NCBI Official Symbol

AL2

NCBI Official Synonym Symbols

alfin-like 2; F11B9.12

NCBI Protein Information

alfin-like 2

NCBI Summary

Encodes a member of the Alfin1-like family of nuclear-localized PHD (plant homeodomain) domain containing proteins. All AL proteins except AL3 bind to di- or trimethylated histone H3 (H3K4me3/2). Members of this family include: AT5G05610 (AL1), AT3G11200 (AL2), AT3G42790 (AL3), AT5G26210 (AL4), AT5G20510 (AL5), AT2G02470 (AL6), AT1G14510 (AL7).

UniProt Gene Name

AL2

UniProt Synonym Gene Names

Protein AL2

UniProt Protein Name

PHD finger protein ALFIN-LIKE 2

UniProt Primary Accession

Q9SRM4

UniProt Related Accession

Q9SRM4

UniProt Comments

Histone-binding component that specifically recognizes H3 tails trimethylated on 'Lys-4' (H3K4me3), which mark transcription start sites of virtually all active genes.

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