

Recombinant Full Length Arabidopsis Lyrata Subsp. Lyrata Casparian Strip Membrane Protein Aralydraft_660474 (Aralydraft_660474) Protein, His-Tagged

Cat. No. RFL7643AF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Arabidopsis lyrata subsp. lyrata Casparian strip membrane protein ARALYDRAFT_660474 (ARALYDRAFT_660474) Protein (D7LZ50) (1-202aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Arabidopsis lyrata subsp. lyrata (Lyre-leaved rock-cress)
Source	E.coli
ProteinLength	Full Length (1-202)
Form	Lyophilized powder
AA Sequence	MKSDSIADVPAESSSAIKGKAPLLGLARDHTGSGGYKRGLSIFDFLLRLAAIVAALAA A ATMGTSDETLPPFFTQFLQFEASYDDLPTFQFFVVAIAIVTGYLVLSLPFSVTVIRPL AV APRLLLLVLDTAALALDTAAASAAAAIVYLAHNGNTNTNWLPIQQQFGDFCQKTS GAVVS AFASVTFLAILVVISGVSLKRP
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

Storage Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION**Gene Name**

ARALYDRAFT_660474

Synonyms

ARALYDRAFT_660474; Casparian strip membrane protein 4; ALCASP4

UniProt ID

[D7LZ50](#)

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