

Recombinant Full Length Oryza Sativa Subsp. Japonica Abc Transporter B Family Member 25(Osabc25) Protein, His-Tagged

Cat. No. RFL21451OF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Oryza sativa subsp. japonica ABC transporter B family member 25(OsABCB25) Protein (Q9FNU2) (1-641aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Rice
Source	E.coli
ProteinLength	Full Length (1-641)
Form	Lyophilized powder
AA Sequence	MGKNLRIKTGNRAPLLAQGETSRALSDLEEGSNVQPENVGFCRVIKLARHDAGKLVI ATM ALLVASLSNILVPKYGGKIIDIVSRDVRRPEDKAQALDDVTGTILYIVIVVTGSVC TAL RAWLFNSASERVVARLRKDLFSHLVNQEIAFFDVTRTGELLSRLSEDTQIIKNAA TTNLS EALRNITTTSIGLGFMFATSWKLTLLALVIVPVISIAVRKFGRFLRELSHQQTQA AAVAS SIAEESFGAIRTVRSFQESHEVLRVYGEKVDETLKLGLKQAKVVGFMFSGGL NAASTLSVV IVVIYGANLTINGYMTTGSLSFILYSLTVGSSVSALSGLYTTVMKASGA SRRVFQLLDR VSSMANSGDRCPTNENDGEVELDDVWFAYPSRPSHMILKGITLKL PGSKVALVGPSGGG KTTIANLIERFYDPLKGRILLNGVPLPEISHQFLHRKVSIVSQE PVLFNCSIEENIAYGL EGKASSADVENAAKMANAHNFICSPDQYKTVVGERGIRLS GGQKQQRVAIARALLMNPRV LLLDEATSALDAESEYLVQDAMDLSLMKGRTVLVIAHR

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	LSTVKSADTVAVISDGQIVESGT HDELLSRDGIY TALVKRQLQGPRFEGTSNATAEIE PISNGQ
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 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	OsABCB25
Synonyms	ABCB25; ALS1; Os03g0755100; LOC_Os03g54790; OSJNBb0081K01.19; ABC transporter B family member 25; ABC transporter ABCB.25; OsABCB25; Protein ALS1 homolog; Protein ALUMINUM SENSITIVE 1; OsALS1
UniProt ID	Q9FNU2