Recombinant Arabidopsis Thaliana BAS1 Protein (66-266 aa), His-tagged

Cat. No. BAS1-2347A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Arabidopsis Thaliana (Mouse-ear cress) BAS1 Protein (66-266 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Arabidopsis Thaliana
Source	Yeast
ProteinLength	66-266 aa
Description	May be an antioxidant enzyme particularly in the developing shoot and photosynthesizing leaf. Involved in the detoxification of alkyl hydroperoxides with reducing equivalents provided through the thioredoxin system.
Form	Tris-based buffer,50% glycerol
Molecular Mass	24.4 kDa
AA Sequence	KAQADDLPLVGNKAPDFEAEAVFDQEFIKVKLSDYIGKKYVILFFYPLDFTFVCPTEIT AFSDRHSEFEKLNTEVLGVSVDSVFSHLAWVQTDRKSGGLGDLNYPLISDVTKSISK SFGVLIHDQGIALRGLFIIDKEGVIQHSTINNLGIGRSVDETMRTLQALQYIQENPDEV CPAGWKPGEKSMKPDPKLSKEYFSAI
Purity	> 90% as determined by SDS-PAGE.

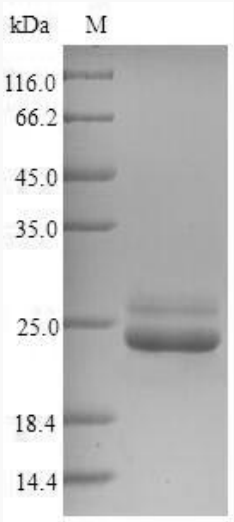
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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	BAS1 Cytochrome P450 superfamily protein [Arabidopsis thaliana (thale cress)]
Official Symbol	BAS1
Synonyms	BAS1;
Gene ID	817212
UniProt ID	Q96291

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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