

Recombinant Arabidopsis thaliana Probable sarcosine oxidase

Catalog No: #AP73127

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Package Size: #AP73127-1 20ug #AP73127-2 100ug #AP73127-3 1mg

Description

Product Name	Recombinant Arabidopsis thaliana Probable sarcosine oxidase
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-416aaSequence Info:Full Length
Accession No.	Q9SJA7
Uniprot	Q9SJA7
GeneID	816994;
Calculated MW	47.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	MEYSDDGRFDVIVGAGVMGSSAAYQLAKRGQKTLLEQFDLHHRGSSHGESRTIRATYPEDYYYSMVSES TRLWAAAQSEIGYKVHFPTQQFDMGPADQQSLLSVVATCQKHGLAHRVMDSHAVSEHFSGRISIPENWIGVS TELGIIKPTKAVSMFQTLAIGHGAILRDNTKVANIKRDGESGEGVIVCTVKGDIFYGKKCIVTAGAWISKLVKTV AGIDFPVEPLETTVCYWRIKEGHEEKFTIDGEPPTFASYGAPYVYGTSPLEYPGLIKVAVHGGYWCDPDKRPW GPGVKLEELKEWIKERFEGGMVDSEGPVATQLCMYSMTPEDEDFVIDFLGGEGFRDVVVGGGFGSGHGFKMAPA VGRILADMAMEVEAGGGGVEMKQFSLRRFEDNPKGNAKEYPDQVILDVPLKH
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

References

Sequence and analysis of chromosome 2 of the plant Arabidopsis thaliana.Lin X., Kaul S., Rounsley S.D., Shea T.P., Benito M.-I., Town C.D., Fujii C.Y., Mason T.M., Bowman C.L., Barnstead M.E., Feldblyum T.V., Buell C.R., Ketchum K.A., Lee J.J., Ronning C.M., Koo H.L., Moffat K.S., Cronin L.A. , Shen M., Pai G., Van Aken S., Umayam L., Tallon L.J., Gill J.E., Adams M.D., Carrera A.J., Creasy T.H., Goodman H.M., Somerville C.R., Copenhaver G.P., Preuss D., Niernan W.C., White O., Eisen J.A., Salzberg S.L., Fraser C.M., Venter J.C.Nature 402:761-768(1999)Research Topic:Others

Note: This product is for in vitro research use only