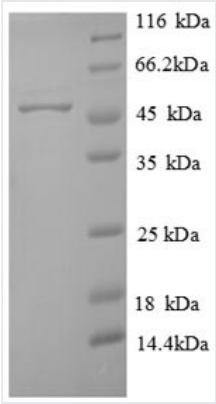
Probable Sarcosine Oxidase (AT2G24580) Arabidopsis Thaliana Recombinant Protein

PRODUCT OVERVIEW

Product Name	Probable sarcosine oxidase (At2g24580), Recombinant Protein
Full Product Name	Recombinant Arabidopsis thaliana Probable sarcosine oxidase
Product Gene Name	At2g24580 recombinant protein
Sequence	MEYSDDGRFD VIVVGAGVMG SSAAYQLAKR GQKTLLLEQF DFLHHRGSSH GESRTIRATY PEDYYYSMVS ESTRLWAAAQ SEIGYKVHFP TQQFDMGPAD QQSLLSVVAT CQKHGLAHRV MDSHAVSEHF SGRISIPENW IGVSTELGGI IKPTKAVSMF QTLAIGHGAI LRDNTKVANI KRDGESGEGV IVCTVKGDKF YGKKCIVTAG AWISKLVKTV AGIDFPVEPL ETTVCYWRIK EGHEEKFTID GEFPTFASYG APYVYGTPSL EYPGLIKVAV HGGYWCDPDK RPWGPGVKLE ELKEWIKERF GGMVDSEGPV ATQLCMYSMT PDEDFVIDFL GGEFGRDVVV GGGFSGHGFK MAPAVGRILA DMAMEVEAGG GGVEMKQFSL RRFEDNPKGN AKEYPDQVIL DVPLKH
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.
Molecular Weight	47.7 kDa
Sequence Positions	1-416aa; Full Length
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q9SJA7
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for At2g24580 recombinant protein	MBS1265227 is a recombinant protein targeting At2g24580. Also known as Recombinant Arabidopsis thaliana Probable sarcosine oxidase. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Product References and Citations for At2g24580 recombinant protein	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., Nierman W.C., White O., Eisen J.A., Salzberg S.L., Fraser C.M., Venter J.C.Nature 402:761-768(1999) The Arabidopsis Information Resource (TAIR) Empirical analysis of transcriptional activity in the Arabidopsis genome.Yamada K., Lim J., Dale J.M., Chen H., Shinn P., Palm C.J., Southwick A.M., Wu H.C., Kim C.J., Nguyen M., Pham P.K., Cheuk R.F., Karlin-Newmann G., Liu S.X., Lam B., Sakano H., Wu T., Yu G., Miranda M., Quach H.L., Tripp M., Chang C.H., Lee J.M., Toriumi M.J., Chan M.M., Tang C.C., Onodera C.S., Deng J.M., Akiyama K., Ansari Y., Arakawa T., Banh J., Banno F., Bowser L., Brooks S.Y., Carninci P., Chao Q., Choy N., Enju A., Goldsmith A.D., Gurjal M., Hansen N.F., Hayashizaki Y., Johnson-Hopson C., Hsuan V.W., Iida K., Karnes M., Khan S., Koesema E., Ishida J., Jiang P.X., Jones T., Kawai J., Kamiya A., Meyers C., Nakajima M., Narusaka M., Seki M., Sakurai T., Satou M., Tamse R., Vaysberg M., Wallender E.K., Wong C., Yamamura Y., Yuan S., Shinozaki K., Davis R.W., Theologis A., Ecker J.R.Science 302:842-846(2003)
Other Notes	Small volumes of At2g24580 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.



SDS-PAGE of At2g24580 recombinant protein

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for At2g24580. It may not necessarily be applicable to this product.

NCBI GI #	15224169
NCBI GeneID	816994
NCBI Accession #	NP_180034.1
UniProt Primary Accession #	Q9SJA7
UniProt Related Accession #	Q53YK5
GenBank Nucleotide #	NM_128019.3
NCBI Official Full Name	putative sarcosine oxidase
NCBI Official Symbol	AT2G24580
NCBI Official Synonym Symbols	F25P17.12; F25P17_12
UniProt Protein Name	Probable sarcosine oxidase
Protein Family	Probable sarcosine oxidase
UniProt Gene Name	At2g24580
UniProt Entry Name	SOX_ARATH
NCBI Protein Information	putative sarcosine oxidase
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Online datasheet: https://www.mybiosource.com/at2g24580-recombinant-protein/probable-sarcosine-oxidase/1265227