

Active Recombinant Arabidopsis thaliana MES5 Protein

Cat. No. MES5-854A Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Arabidopsis thaliana MES5 was expressed in E. coli.
Species	Arabidopsis thaliana
Source	E.coli
Bio-activity	≥500 U/mL
Unit Definition	1 U corresponds to the amount of enzyme which converts 1 μmol mandelonitrile per minute at pH 5.0 and 25 centigrade.
Applications	Hydroxynitrile lyases (Oxynitrilases) are used for various biotransformation processes and to convert a broad range of substrates. They may be used with bacterial nitrilases to generate biocatalysts.
Storage	Store at -20 centigrade

GENE INFORMATION

Gene Name	MES5 methyl esterase 5 [Arabidopsis thaliana]
Official Symbol	MES5
Synonyms	ARABIDOPSIS THALIANA METHYL ESTERASE 5; AtHNL; ATMES5; F18D22.70; F18D22_70; HNL; HYDROXYNITRILE LYASE; methyl esterase 5

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Gene ID	830894
mRNA Refseq	NM_121068
Protein Refseq	NP_196592
UniProt ID	Q9LFT6

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