

Recombinant *A. thaliana* AT2G04570 Protein (Gly24-Leu350), C-His tagged

Cat. No. AT2G04570-3824A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Arabidopsis thaliana At2g04570 (Gly24-Leu350) fused with the C-His tag was expressed in yeast.
Species	A.thaliana
Source	Yeast
ProteinLength	Gly24-Leu350
Form	Lyophilized powder/frozen liquid
Molecular Mass	37.48 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5, 300mM Imidazole or lyophilized from PBS, pH 7.5, 300mM Imidazole.

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Reconstitution Reconstitute in sterile water for a stock solution.

Shipping They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name AT2G04570 GDSL-like Lipase/Acylhydrolase superfamily protein [*Arabidopsis thaliana* (thale cress)]

Official Symbol AT2G04570

Synonyms AT2G04570; GDSL-like Lipase/Acylhydrolase superfamily protein; T1O3.2; T1O3_2; GDSL-like Lipase/Acylhydrolase superfamily protein; GDSL-like Lipase/Acylhydrolase superfamily protein; FUNCTIONS IN: hydrolase activity, acting on ester bonds, carboxylesterase activity; INVOLVED IN: lipid metabolic process; LOCATED IN: endomembrane system; EXPRESSED IN: 21 plant structures; EXPRESSED DURING: 12 growth stages; CONTAINS InterPro DOMAIN/s: Lipase, GDSL (InterPro:IPR001087); BEST *Arabidopsis thaliana* protein match is: GDSL-like Lipase/Acylhydrolase superfamily protein (TAIR:AT2G42990.1); Has 3619 Blast hits to 3578 proteins in 263 species: Archae - 0; Bacteria - 457; Metazoa - 0; Fungi - 32; Plants - 3114; Viruses - 0; Other Eukaryotes - 16 (source: NCBI BLink) .

Gene ID 814999

mRNA Refseq NM_126488

Protein Refseq NP_178536

UniProt ID Q9SJB4

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