

Recombinant Full Length Solanum Lycopersicum Ethylene Receptor 2(Etr2) Protein, His-Tagged

Cat. No. RFL4983SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Solanum lycopersicum Ethylene receptor 2(ETR2) Protein (O49187) (1-736aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Solanum lycopersicum (Tomato) (Lycopersicon esculentum)
Source	E.coli
ProteinLength	Full Length (1-736)
Form	Lyophilized powder
AA Sequence	MDCNCFDPLLPADELLMKYQYISDFFIAVAYFSIPIELVYFVQKSAVFPYRWVLVQFG AF IVLCGATHLINLWTSTPHTRTVAMVMTTAKFSTAAVSCATAVMLVHIIPDLLSVKT RELF LKNKAAELDREMGLIRTQEETGRYVRMLTHEIRSTLDRHTILKTTLVELGRALQ LEECAL WMPTRTGVELQLSYTLHHQNPVGFTVPIQLPVINQVFSANCAVKISPNSAV ARLRPTRKY IPGEVVAVRVPLLHLSNFQTNDWPELSPKSYALMVLMLPSNSARQWH VHELELVADVADQ VAVALSHAAILEESMRARDLLIEQNVALDLARREAETAVRARND FLGVMNHEMRTMPHAV VALSSLLQESELPEQRLMVETILKSSNLLATLINDVLDLSR LEDGSLQLDVGTFNHAL FREVLNLIKPVAAVKKLFVTLSSLSDPFPEVAIGDEKRLMQ ILLNVGNVAVKFSKEGSVSV SAVNAKSESLIDPRAPEFFPVQSENHFYLRVQVKDTG SGINPQDFPKLFCKFAQNQEPAT KNSAGTGLGLAICKRFVNLMEGHIWIESEGVGK GSTAIFIVKLGPGRNLNKLPTAGL PANHMQMTFQGLKVLVMDNGFMRMTKSL LVHLGCDVTTIGSGDECLRILTREHKVLIM DASITGMNCYDVAVSVHEKFGKRLERP

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LIVALTGNTDQVTKENCLRVGMDGVILKPVSID KMRSVLSGLLEHGTVL

Purity Greater than 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Storage Buffer Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Reconstitution We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

GENE INFORMATION

Gene Name ETR2

Synonyms ETR2; Ethylene receptor 2; LeETR2

UniProt ID [O49187](https://www.uniprot.org/entry/O49187)

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