

Recombinant Full Length Human TECR Protein, GST-tagged

Cat. No. TECR-5570HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GPSN2 full-length ORF (AAH02425.1, 1 a.a. - 308 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	308 amino acids
Description	Microsomal long and very long chain fatty acid elongation uses malonyl-CoA as the 2-carbon donor and consists of 4 sequential reactions. TER catalyzes the final step, reducing trans-2,3-enoyl-CoA to saturated acyl-CoA (Moon and Horton, 2003 [PubMed 12482854]).[supplied by OMIM
Molecular Mass	59.62 kDa
AA Sequence	MKHYEVEILDAKTREKLCFLDKVEPHATIAEIKNLFTKTHPQWYPARQSLRLDPKGKSLKDEDVLQKLPGVTTATLYFRDLGAQISWVTVFLTEYAGPLFIYLLFYFRVPFIYGHKYDFTSSRHTVVHLACICHSFHYIKRLLLETFLVHRFSHGTMPLRNIFKNCTYYWGFAAWMAYYINHPLYTPPTYGAQQVKLALAIFVICQLGNFSIHMALRDLRPAGSKTRKIPYPTKNPFTWLFLLVSCPNTYEVGSWIGFAIMTQCLPVALFSLVGFTQMTIWAKGKHRSYLKEFRDYPPLRMPIIPFLL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	TECR trans-2,3-enoyl-CoA reductase [Homo sapiens (human)]
Official Symbol	TECR
Synonyms	TECR; trans-2,3-enoyl-CoA reductase; SC2; TER; GPSN2; MRT14; very-long-chain enoyl-CoA reductase; glycoprotein, synaptic 2; synaptic glycoprotein SC2; EC 1.3.1.93
Gene ID	9524
mRNA Refseq	NM_001321170
Protein Refseq	NP_001308099
MIM	610057
UniProt ID	Q9NZ01

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