

# Recombinant Human FADS3

Catalog No: #GP12985



Package Size: #GP12985-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human FADS3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 285-445 amino acids of human FADS3
Target Name	fatty acid desaturase 3
Other Names	CYB5RP; LLCDL3
Accession No.	Swissprot:Q9Y5Q0Gene Accession:BC004901
Uniprot	Q9Y5Q0
GeneID	3995;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The protein encoded by this gene is a member of the fatty acid desaturase (FADS) gene family. Desaturase enzymes regulate unsaturation of fatty acids through the introduction of double bonds between defined carbons of the fatty acyl chain. FADS family members are considered fusion products composed of an N-terminal cytochrome b5-like domain and a C-terminal multiple membrane-spanning desaturase portion, both of which are characterized by conserved histidine motifs. This gene is clustered with family members FADS1 and FADS2 at 11q12-q13.1; this cluster is thought to have arisen evolutionarily from gene duplication based on its similar exon/intron organization.?

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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