

FTO 抗原（重组蛋白）

中文名称： FTO 抗原（重组蛋白）

英文名称： FTO Antigen (Recombinant Protein)

别名： ALKBH9

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 456-505 amino acids of human FTO

技术规格：

Full name:	fat mass and obesity associated
Synonyms:	ALKBH9
Swissprot:	Q9C0B1
Gene Accession:	BC003583
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene is a nuclear protein of the AlkB related non-haem iron and 2-oxoglutarate-dependent oxygenase superfamily but the exact physiological function of this gene is not known. Other non-heme iron enzymes function to reverse alkylated DNA and RNA damage by oxidative demethylation. Studies in mice and humans indicate a role in nervous and cardiovascular systems and a strong association with body mass index, obesity risk, and type 2 diabetes.