

FTO, human recombinant

CATALOG #:	7557-10	10 µg
ALTERNATE NAMES:	Fat Mass and Obesity-associated Protein; FATSQ.	
SOURCE:	<i>E. coli</i>	
PURITY:	≥ 90% by SDS-PAGE gel	
MOL. WEIGHT:	~65 kDa (SDS-PAGE). Human FTO (aa 2-505) is fused at the N-terminus to a His-tag.	
ENDOTOXIN LEVEL:	<1 EU/µg by LAL method	
FORM:	Liquid	
FORMULATION:	In 0.2 µm-filtered solution in 55 mM Tris-Cl, pH 8.2 containing 150 mM NaCl.	
STORAGE CONDITIONS:	Prepare aliquots and store at -20°C. Avoid repeated freeze/thaw cycles.	
DESCRIPTION:	FTO (Fat mass-and obesity-associated gene) is the responsible gene for mouse 'fused toes' mutation. An association between FTO genotype and type 2 diabetes has been confirmed. The presence of the FTO rs9939609 A-allele was found to be positively correlated with other symptoms of the metabolic syndrome, including higher fasting insulin, glucose, triglycerides, and lower HDL-cholesterol.	

RELATED PRODUCTS:

- FTO, mouse recombinant (**Cat. No. 7558-10**)
- FTO Antibody (Clone FT86-4) (**Cat. No. 6699-50**)
- FTO Antibody (**Cat. No. 6764-50**)
- FTO (human intracellular) ELISA Kit (**Cat. No. K4921-100**)
- FTO (mouse intracellular) ELISA Kit (**Cat. No. K4922-100**)

FOR RESEARCH USE ONLY! Not to be used in humans.