



AVISCERA BIOSCIENCE

Human FTO Isoform 2, Recombinant

Product Information

Code	00078-01-100
Name	Human FTO
Lot No.	
Size	100 µg
Species	Human
Sequence	Met1-Pro505
Protein ID	Q9C0B1
Gene ID	79068
MW	62 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>95% in SDS-PAGE gel Tris buffer lyophilized
Formulation	form without preservatives
Carry	Free
Storage	-20 °C ~ -70° C
Reconstitution	500 µl
Application	ELISA

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Description

A DNA sequence encoding the human FTO isoform 2 (Met¹-Pro⁵⁰⁵) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column.

Formulation

Lyophilized 100 µg of human FTO in 100 µl of TBS (20 mM Tris, 50mM NaCl, pH8.0). Carry free.

Reconstitution & Storage

Add 500 µl deionized water to the vial to prepare a working stock solution at 200 µg/mL. Allow to set at least 30 minutes at 4 °C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: Human FTO (Met¹-Pro⁵⁰⁵)

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MKRTPTAEER EREAKKLRLL EELEDTWLPY LTPKDDEFYQ QWQLKYPKLI  
LREASSVSEE LHKEVQEAFI TLHKHGCLFR DLVRIQ GKDL LTPVSRILIG  
NPGCTYKYLN TRLFVTPWPV KGSNIKHTEA EIAAACETFL KLNDYLQIET  
IQALEELA AK EKANEDAVPL CMSADFPRVG MGSSYNGQDE VDIKSRAAYN  
VTLLNFMDPQ KMPYLKEEPY FGMGKMAVSW HHDENLVDRS AVAVYSYSCE  
GPEEESD DS HLEGRDPDIW HVGFKISWDI ETPGLAIPLH QGDCYFMLDD  
LNATHQHCVL AGSQPRFSST HRVAECSTGT LDYILQRCQL ALQNVCD DDD  
NDDVSLK SFE PAVLKQGEEI HNEVEFEWLR QFWFQGNRYR KCTDWWCQPM  
AQLEALWKKM EGV TNAV LHE VKREGLPVEQ RNEILTALIA SLTARQNLRR  
EWHARCQSRI ARTLPADQKP ECRPYWEKDD ASMPLPFDLT DIVSELRGQL  
LEAKP 505
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THIS PRODUCT IS FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.