

Recombinant Human FTO protein, His&Myc-tagged

Cat. No. FTO-4261H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human FTO protein(Q9C0B1)(1-505aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-505aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	65.7 kDa
AA Sequence	MKRTPTAEEEREREAKKLRLLEELEDTWLPYLTPKDDEFYQQWQLKYPKLILREASSV SEELHKEVQEAFLTLHKHGCLFRDLVRIQGKDLLTPVSRILIGNPGCTYKYLNTRLFTV PWPVKGSNIKHTAEIAAACETFLKLN DYLQIETIQALEELAAKEKANEDAVPLCMSA DFPRVGMGSSYNGQDEVDIKSRAAYNVTLNFM DPQKMPYLKEEPYFGMGKMAVS WHHDENLVDRSAVAVYSYSCGPEEESEDDSHLEGRDPDIWHVGFKISWDIETPGL AIPLHQGDCYFMLDDL NATHQHCVLAGSQPRFSSTHRVAECSTGTLDYILQRCQLAL QNVCDDVDNDDVSLKSFEP AVLKQGEEIHNEVEFEWLRQFWFQGNRYRKCTDWW CQPMAQLEALWKKMEGVTNAVLHEVKREGLPVEQRNEILTALASLTARQNL RREW HARCQSRIARTLPADQKPECRPYWEKDDAS MPLPFDLTDIVSELRGQLLEAKP

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C.

GENE INFORMATION

Gene Name	FTO fat mass and obesity associated [Homo sapiens]
Official Symbol	FTO
Synonyms	FTO; fat mass and obesity associated; alpha-ketoglutarate-dependent dioxygenase FTO; KIAA1752; MGC5149; protein fto; fat mass and obesity-associated protein;
Gene ID	79068
mRNA Refseq	NM_001080432
Protein Refseq	NP_001073901
MIM	610966
UniProt ID	Q9C0B1

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