



AVISCERA BIOSCIENCE

Human Adipose Triglyceride Lipase (ATGL) Recombinant

Product Information

Code	00576-01-100
Name	ATGL (H), rec.
Lot No.	
Size	100 µg
Species	Human
Sequence	Full length
Protein ID	Q96AD5
Gene ID	57104
MW	73 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>90% in SDS-PAGE gel Tris buffer lyophilized
Formulation	Form without preservatives
Carry	free
Storage	-20 ° C ~ -70° C
Reconstitution	500 µl
Application	Biology ELISA

Description

A DNA sequence encoding the human ATGL (Met¹-Leu⁵⁰⁴) 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 human ATGL 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 ATGL (Met¹-Leu⁵⁰⁴)

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1
MFPREKTWNI SFAGCGFLGV YYVGVASCLR EHAPFLVANA
THIYGASAGA LTATALVTGV CLGEAGAKFI EVSKEARKRF
LGPLHPSFNL VKIIRSFLK VLPADSHEHA SGRLGISLTR
VSDGENVIIS HFNSKDELIQ ANVCSGFIPV YCGLIPPSLQ
GVRYVDGGIS DNLPLYELKN TITVSPFSGE SDICPQDSST
NIHELVRTNT SIQFNLRNLY RLSKALFPPE PLVLRMCKQ
GYRDGLRFLQ RNGLNRPNP LLALPPARPH GPEDKDQAVE
SAQAEDYSQL PGEDHILEHL PARLNEALLE ACVEPTDLLT
TLNMLPVRL ATAMVPYTL PLESALSFTI RLLEWLPDVP
EDIRWMKEQT GSICQYLVMR AKRKLGRHLP SRLPEQVELR
RVQSLPSVPL SCAAYREALP GWMRNLSLG DALAKWEECQ
RQLLLGLFCT NVAFPPEALR MRAPADPAPA PADPASPQHQ
LAGPAPLLST PAPEARPVIG ALGL 504
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THIS PRODUCT IS FOR RESEARCH ONLY. NOT FOR USE IN HUMANS.

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