



AVISCERA BIOSCIENCE

Human Adipose Triglyceride Lipase (ATGL) Recombinant

Product Information

Code	00576-02-10
Name	ATGL (H), rec.
Lot No.	
Size	100 µg
Species	Human
Sequence	R30-L504
Protein ID	Q96AD5
Gene ID	57104
MW	56.66 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	50 µl
Application	Biology ELISA

Description

A DNA sequence encoding the human ATGL (Arg³⁰-Leu⁵⁰⁴) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column.

Formulation

Lyophilized 10 µg human ATGL in 100 µl of TBS (20 mM Tris, 50mM NaCl,pH8.0), Carry free.

Reconstitution & Storage

Add 50 µl TBS to the vial to prepare a working stock solution at 10 µg/50 µL . 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 (Arg³⁰-Leu⁵⁰⁴)

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                                     30R  EHAPFLVANA
THIYGASAGA  LTATALVTGV  CLGEAGAKFI  EVSKEARKRF
LGPLHPSFNL  VKIIRSFLK  VLPADSHEHA  SGRLGISLTR
VSDGENVIIS  HFNSKDELIQ  ANVCSGFIPV  YCGLIPPSLQ
GVRVVDGGIS  DNLPLYELKN  TITVSPFSGE  SDICPQDSST
NIHELVRTNT  SIQFNLRNLY  RLSKALFPPE  PLVLRMCKQ
GYRDGLRFLQ  RNGLLNRPNP  LLALPPARPH  GPEDKDQAVE
SAQAEDYSQL  PGEDHILEHL  PARLNEALLE  ACVEPTDLLT
TLASNMLPVRL  ATAMMVPYTL  PLESALSFTI  RLEWLDPVP
EDIRWMKEQT  GSICQYLVMR  AKRKLGRHLP  SRLPEQVELR
RVQSLPSVPL  SCAAYREALP  GWMRNNLSLG  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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