

PRODUCT DATA SHEET

Endothelial Lipase Human HEK293

Cat. No.: RD172173100

Size: 0.1 mg

Source: HEK293

Type: Recombinant protein

Species: Human

Other Names:

EL, LIPG, EDL, Endothelial cell-derived lipase

Description:

Total 490 AA. MW: 55.8 kDa (calculated). UniProtKB acc. No. Q9Y5X9 (Ser21–Pro500). N-terminal linker (2 extra AA), C-terminal linker (2 extra AA) and C-terminal His-tag (6 extra AA). Protein identity confirmed by MS.

Amino Acid Sequence:

ASSPVVFGPE GRLEDKLNKPK KATQTEVKPS VRFNLRVSKD PEHEGCYLSV GHSQPLEDCS
FNMTAKTFFI IHGWTMSGIF ENWLHKLKLSA LHTREKDVAN VVVDWLPLAH QLYTDAVNNT
RVVGHSIARM LDWLQEKDDF SLGNVHLIGY SLGAHVAGYA GNFVKGTVGR ITGLDPAGPM
FEGADIIHKRL SPDDADFVDV LHTYTRSFGL SIGIQMPVGH IDIYPNGGDF QPGCGLNDVL
GSIAYGTITE VVKCEHERAV HLFVDSLNVQ DKPSFAFQCT DSNRFKKGIC LSCRKNRCNS
IGYNAKKMRN KRNSKMYLKT RAGMPFRVYH YQMKIHVFSY KNMGEIEPTF YVTLYGTNAD
SQTLPLEIVE RIEQATNTF LVTYTEDLGD LLKIQLTWEG ASQSWYNLWK EFRSYLSQPR
NPGRELNIRR IRVKSGETQR KLTFC TEDPE NTSISPGREL WFRKCRDGWR MKNETSPTVE
LPKLHHHHHHH

Purity:

> 90 % by SDS-PAGE

Endotoxin:

< 1.0 EU/μg

Formulation:

Filtered (0.4 μm) and lyophilized in phosphate buffered saline pH=7.5 , 1% (w/v) Sucrose, 4% (w/v) Mannitol

Reconstitution:

Add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

Store the lyophilized protein at -80 °C. Lyophilized protein remains stable until the expiry date when stored at -80 °C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80 °C for long term storage. Reconstituted protein can be stored at 4 °C for a week.

Quality Control:

BCA to determine quantity of the protein.
SDS PAGE to determine purity of the protein.
Endotoxin level determination.

Applications:

ELISA

Note:

This product is intended for research use only.