

Eukaryotic N-Acylsphingosine Amidohydrolase 2 (ASAH2) Instruction Manual

SFPE261Hu61

Homo sapiens (Human)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	106.0kDa
Accurate Molecular Mass	100kDa(Analysis of differences refer to the manual)
Residues & Tags	Phe99~Ile780 with N-terminal His Tag and C-terminal Fc Region of Human IgG1
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 80%
Isoelectric Point	7.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

FS

GYHIGVGRAD CTGQVADINL MGYGKSGQNA QGILTRLYSR AFIMAEPDGS
NRTVFVSI DI GMVSQRLRLE VLNRLQSKYG SLYRRDNVIL SGTHTHSGPA
GYFQYTVFVI ASEGFSNQTF QHMVTGILKS IDIAHTNMKP GKIFINKGNV
DGVQINRSPY SYLQNPQSER ARYSSNTDKE MIVLKMVDLN GDDLGLISWF
AIHPVSMNNS NHLVNSDNVG YASYLLEQEK NKGYPGQGP FVAAFASSNL
GDVSPNILGP RCINTGESCD NANSTCPIGG PSMCIAKGGP QDMFDSTQII
GRAMYQRAKE LYASASQEV T GPLASAHQWV DMTDVTWLN STHASKTCKP
ALGYSFAAGT IDGVGGLNFT QGKTEGDPFW DTIRDQILGK PSEEIKECHK
PKPILLHTGE LSKPHPWHPD IVDVQIITLG SLAITAIPGE FTTMSGRRLR
EAVQAEFASH GMQNMTVVIS GLCNVYTHYI TTYEEYQAQR YEAASTIYGP
HTLSAYIQLF RNLAKAIATD TVANLSRGPE PPFFKQLIVP LIPSIVDRAP
KGRTFGDVLQ PAKPEYRVGE VAEVIFVGAN PKNSVQNQTH QTFLTVEKYE
ATSTSWQIVC NDASWETRFY WHKGLLGLSN ATVEWHIPDT AQPFIYRIRY
FGHNRKQDIL KPAVILSFEG TSPAFEVVTI

USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

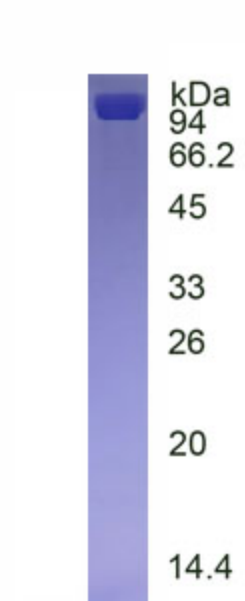


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.