

Recombinant Glycosylphosphatidylinositol Specific Phospholipase D1 (GPLD1) Instruction Manual

SIPH376Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	40.6kDa
Accurate Molecular Mass	41kDa(Analysis of differences refer to the manual)
Residues & Tags	Met496~Asp840 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	6.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MSSSP
NITISCQDIY CNLGWTLAA DVNGDSEPD L VIGSPFAPGG GKQKGIVAAF
YSGPSLSDKE KLNVEAANWT VRGEEDFSWF GYSLHGVTVD NRTLLL VGSP
TWKNASRLGH LLHIRDEKKS LGRVYGYFPP NGQSWFTISG DKAMGKLGTS
LSSGHVLMNG TLKQVLLVGA PTYDDVSKVA FLTVT LHQGG ATRMYALTSD
AQPLLLSTFS GDRRFSRFGG VLHLSDLDDD GLDEIIMAAP LRIADVTSGL
IGGEDGRVYV YNGKETTLDG MTGKCKSWIT PCPEEKAQYV LISPEASSRF
GSSLITVRSK AKNQVVIAAG RSSLGARLSG ALHVYSLGSD

USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

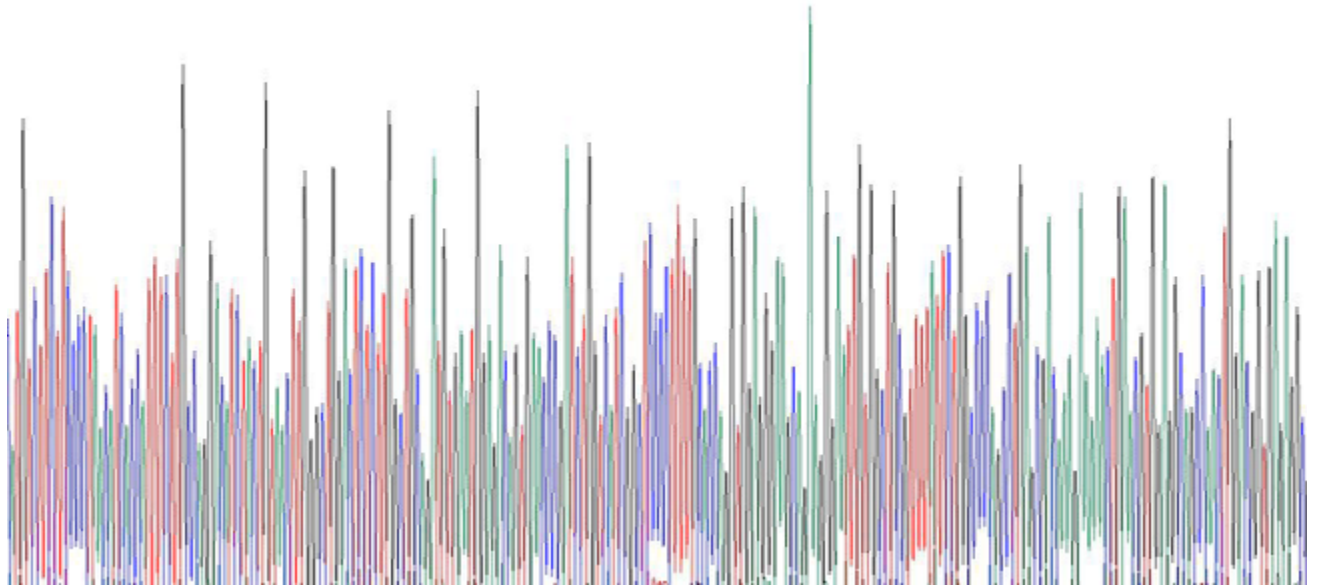
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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

M S S S P N I T I S C Q D I Y C H L G W I L L A A D V H G D S E P D L V I G S P F A P G G C K Q K G I V A A P F Y S G P S L S D E K L N V E A A N W I V R G I



SDS-PAGE Image

[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.