SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Recombinant Oxoglutarate Dehydrogenase (OGDH)

Catalog Number: SIPG500Hu01 **Spec: 50ug**

Product Name	Recombinant Oxoglutarate Dehydrogenase (OGDH)
Catalog Number	SIPG500Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Ala256~Lys582
Tags	N-terminal His Tag
Subcellular Location	Mitochondrion
Purity	> 97%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	6.5
Predicted Molecular Mass	41.0kDa
Accurate Molecular Mass	41kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

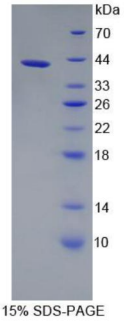
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by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCE]

ARLVR STRFEEFLQR KWSSEKRFGL EGCEVLIPAL KTIIDKSSEN
GVDYVIMGMP HRGRLNVLAN VIRKELEQIF CQFDSKLEAA DEGSGDVKYH
LGMYHRRINR VTDRNITLSL VANPSHLEAA DPVVMGKTKA EQFYCGDTEG
KKVMSILLHG DAAFAGQGIV YETFHLSDLP SYTTHGTVHV VVNNQIGFTT
DPRMARSSPY PTDVARVVNA PIFHVNSDDP EAVMYVCKVA AEWRSTFHKD
VVVDLVCYRR NGHNEMDEPM FTQPLMYKQI RKQKPVLQKY AELLVSQGVV
NQPEYEEEIS KYDKICEEAF ARSKDEKILH IK

[IDENTIFICATION]



15% 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.