RPF554Hu01 100µg

Recombinant Lysyl Oxidase Like Protein 4 (LOXL4)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Trp479~Ile756

Tags: N-terminal His Tag

Tissue Specificity: Testis

Subcellular Location: Secreted, Extracellular matrix

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

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: 6.3

Predicted Molecular Mass: 33.1kDa

Accurate Molecular Mass: 32kDa 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.

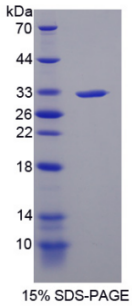
Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the

expiration date under appropriate storage condition.

[SEQUENCE]

WF WSGTPRAQEV VMSGVRCSGT
ELALQQCQRH GPVHCSHGGG RFLAGVSCMD SAPDLVMNAQ LVQETAYLED
RPLSQLYCAH EENCLSKSAD HMDWPYGYRR LLRFSTQIYN LGRTDFRPKT
GRDSWVWHQC HRHYHSIEVF THYDLLTLNG SKVAEGHKAS FCLEDTNCPT
GLQRRYACAN FGEQGVTVGC WDTYRHDIDC QWVDITDVGP GNYIFQVIVN
PHYEVAESDF SNNMLQCRCK YDGHRVWLHN CHTGNSYPAN AELSLEQEQR
LRNNLI

[IDENTIFICATION]



15% SDS-PAGE

[IMPORTANT NOTE]

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