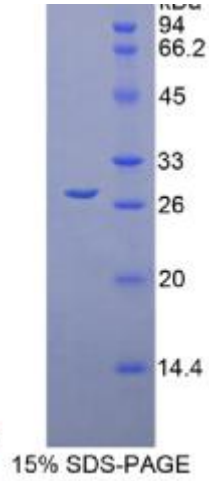
YBF551Mu01 100μg
Recombinant Lysyl Oxidase Like Protein 1 (LOXL1)
Organism Species: Mus musculus (Mouse)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]



15% SDS-PAGE

Residues: Val392~Ser598

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: P97873

Host: *E. coli*

Subcellular Location: Secreted, extracellular space.

Purity: >95%

Endotoxin Level: <1.0EU per 1μg

(determined by the LAL method).

Formulation: Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative

Predicted isoelectric point: 6.6

Predicted Molecular Mass: 27.5kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

[USAGE]

Reconstitute in ddH_2O.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8^{O}C for one month.

Aliquot and store at -80^{O}C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37^{O}C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

VYRPNQNGR GLPDLVPDPN YVQASTYVQR AHLYSLRCAA EEKCLASTAY APEATDYDLR V L L R F P Q R V K N Q G TA D F L P N R P R H T W E W H S C H Q H Y H S M D E FS H Y D L L D A S TGKKVAEGHK ASFCLEDSTC DFGNLKRYAC TSHTQGLSPG CYDTYNADID CQWIDITDVQ PGNYILKVHV NPKYIVLESD FTNNVVRCNI HYTGRYVS

[REFERENCES]

1. Wydner K.S., *et al.* (1997) Genomics 40:342-345.

2. Tchernev V.T., *et al.* (1997) Mamm. Genome 8:621-622.

3. Lelievre E., *et al.* (2008) EMBO J. 27:1658-1670.

4. Alperin M., *et al.* (2008) Int Urogynecol J Pelvic Floor Dysfunct 19:977-986.