

RPF457Hu01 100µg

Recombinant Flavin Containing Monooxygenase 3 (FMO3)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[**PROPERTIES**]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Lys280~Thr532

Tags: N-terminal His Tag

Subcellular Location: Membrane

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: 100mMNaHCO₃, 500mMNaCl, pH8.3, containing 0.01% Sarcosyl, 5% Trehalose.

Original Concentration: 60µg/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: 6.0

Predicted Molecular Mass: 32.3kDa

Accurate Molecular Mass: 31kDa as determined by SDS-PAGE reducing conditions.

[**USAGE**]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[**STORAGE AND STABILITY**]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C 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**]

K EPVFNDELPA SILCGIVSVK
 PNVKEFTETS AIFEDGTIFE GIDCVIFATG YSFAYPFLDE SIIKSRNNEI
 ILFKGVFPPL LEKSTIAVIG FVQSLGAAIP TVDLQSRWAA QVIKGTCTLP
 SMEDMMNDIN EKMEKKRKWF GKSETIQT DY IVYMDELSSF IGAKPNIPWL
 FLTDPKLAME VYFGPCSPYQ FRLVGPGQWP GARNAILTQW DRSLKPMQTR
 VVGRLQKPCF FFHWLKLFAI PILLIAVFLV LT

[IDENTIFICATION]

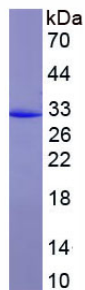


Figure. SDS-PAGE

[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.