# Recombinant Secreted Frizzled Related Protein 1 (SFRP1) Instruction Manual

# SIPF361Mu01

# Mus musculus (Mouse)

**Source** Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationSecretedPredicted Molecular Mass34.2kDa

Accurate Molecular Mass 35kDa(Analysis of differences refer to the manual)

**Residues & Tags** Ser32~Lys314 with N-terminal His Tag

Buffer Formulation PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5%

Trehalose and Proclin300.

**Traits** Freeze-dried powder

Purity > 95% Isoelectric Point 9.0

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.

# **SEQUENCE**

			SEYDYVSFQ	SDIGSYQSGR
FYTKPPQCVD	IPVDLRLCHN	VGYKKMVLPN	LLEHETMAEV	KQQASSWVPL
LNKNCHMGTQ	VFLCSLFAPV	CLDRPIYPCR	WLCEAVRDSC	EPVMQFFGFY
WPEMLKCDKF	PEGDVCIAMT	PPNTTEASKP	QGTTVCPPCD	NELKSEAIIE
HLCASEFALR	MKIKEVKKEN	GDKKIVPKKK	KPLKLGPIKK	KELKRLVLFL
KNGADCPCHQ	LDNLSHNFLI	MGRKVKSQYL	LTAIHKWDKK	NKEFKNFMKR
MKNHECPTFQ	SVFK			

#### **USAGE**

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

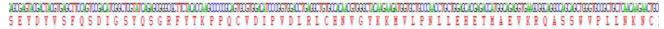
#### **STORAGE**

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**



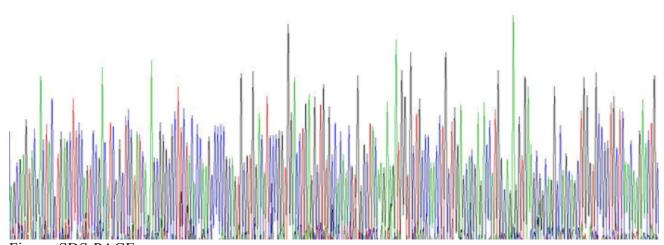


Figure. SDS-PAGE

# [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.