SunLong Biotech Co.,LTD
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Recombinant Sulfatase 1 (SULF1)

Catalog Number: SIPH070Hu01 **Spec: 100ug**

Product Name	Recombinant Sulfatase 1 (SULF1)
Catalog Number	SIPH070Hu01
Organism Species	Human
Source	Prokaryotic expression
Host	E.coli
Residues	Pro609~Gly871
Tags	Two N-terminal Tags, His-tag and SUMO-tag
Subcellular Location	Golgi apparatus
Purity	> 80%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 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	8.3
Predicted Molecular Mass	44.8kDa
Accurate Molecular Mass	45&35kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) 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]

PT TVRVTHKCFI LPNDSIHCER ELYQSARAWK DHKAYIDKEI
EALQDKIKNL REVRGHLKRR KPEECSCSKQ SYYNKEKGVK KQEKLKSHLH
PFKEAAQEVD SKLQLFKENN RRRKKERKEK RRQRKGEECS LPGLTCFTHD
NNHWQTAPFW NLGSFCACTS SNNNTYWCLR TVNETHNFLF CEFATGFLEY
FDMNTDPYQL TNTVHTVERG ILNQLHVQLM ELRSCQGYKQ CNPRPKNLDV
GNKDGGSYDL HRGQLWDGWE G

[IDENTIFICATION]

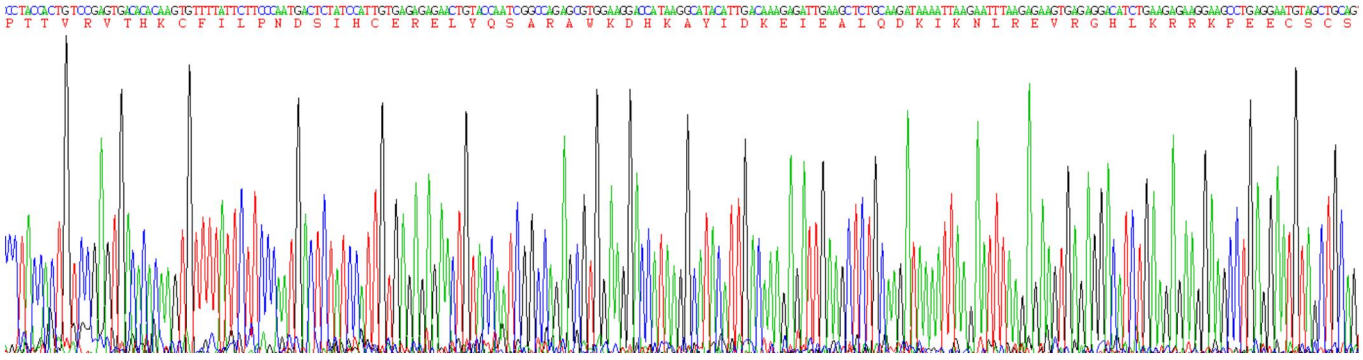


Figure. Gene Sequencing (Extract)

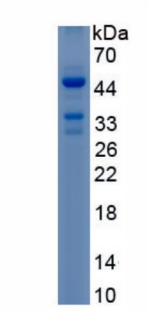


Figure. SDS-PAGE

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[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.