SunLong Biotech Co.,LTD
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Recombinant Prostaglandin D2 Synthase, Brain (PGD2S)

Catalog Number: SIPA866Hu01 **Spec: 200ug**

Product Name	Recombinant Prostaglandin D2 Synthase, Brain (PGD2S)
Catalog Number	SIPA866Hu01
Organism Species	Human
Source	Prokaryotic expression.
Host	E. coli
Residues	Pro32~Gln190
Tags	N-terminal His-Tag
Tissue Specificity	Brain, Liver, Placenta.
Subcellular Location	Rough endoplasmic reticulum. Nucleus membrane. Golgi apparatus. Cytoplasm, perinuclear region. Secreted.
Purity	>95%
Traits	Freeze-dried powder
Buffer formulation	100mM NaHCO3, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 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	8.9
Predicted Molecular Mass	21.5kDa
Accurate Molecular Mass	22kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 100mM NaHCO3, 500mM NaCl (pH8.3) 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.

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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 37oC 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]

PNFQQDKFL GRWFSAGLAS
NSSWLREKKA ALSMCKSVVA PATDGGLNLT STFLRKNQCE TRTMLLQPAG
SLGSYSYRSP HWGSTYSVSV VETDYDQYAL LYSQGSKGPG EDFRMATLYS
RTQTPRAELK EKFTAFCKAQ GFTEDTIVFL PQTDKCMTEQ

[IDENTIFICATION]

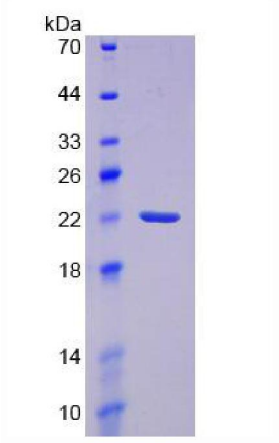


Figure 1. SDS-PAGE