

Prostaglandin E Synthase 2 (PTGES2) Recombinant Protein | PTGES2 recombinant protein

Recombinant Prostaglandin E Synthase 2 (PTGES2)

CATALOG # AAA135475	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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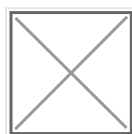
PRODUCT SYNONYMS

Prostaglandin E Synthase 2 (PTGES2); Recombinant Prostaglandin E Synthase 2 (PTGES2); PTGES2 recombinant protein

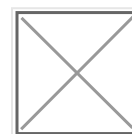
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-YR KVPILVAQEG DSLQQLNDSS VIISALKTYL VSGQPLEEVI TYPPPMKAMN DQGKEVTEFC NKYWLMLDEK EAQQMYGGKE ARTEEMKWRQ WADDWLVLHLI SPNVYRTPAE ALASFDYIVR EGKFGAVEAA MAKYVGAAAM YLISKRLKSR HHLQDDVRVD LYEAANKWVT AVGKDRPFMG GQKPNLADLA VYGVLVMEG LEAFDDLMRH SHIQPWYLRM ERAIEEAPSV HHVNPSCKD
Sequence Length	384
Applicable Applications for PTGES2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Tyr144~Asp384 (Accession # Q8BWM0) with two N-terminal Tags, His-tag and T7-tag
Subcellular Location	Golgi apparatus membrane; Single-pass membrane protein. Nucleus. Cytoplasm
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	6.4
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	260763900
NCBI GeneID	96979
NCBI Accession #	NP_598544.2
NCBI GenBank Nucleotide #	NM_133783.2
UniProt Accession #	Q8BWM0; Q99J30; A2ASQ2
Molecular Weight	31.4kDa
NCBI Official Full Name	prostaglandin E synthase 2
NCBI Official Synonym Full Names	prostaglandin E synthase 2
NCBI Official Symbol	Ptges2
NCBI Official Synonym Symbols	Gbf1; Pges2; C79137; Mpges2; 0610038H10Rik
NCBI Protein Information	prostaglandin E synthase 2; mPGES-2; GATE-binding factor 1; microsomal prostaglandin E synthase 2
UniProt Protein Name	Prostaglandin E synthase 2
UniProt Gene Name	Ptges2
UniProt Synonym Gene Names	Gbf1; Pges2; GBF-1; mPGES-2
UniProt Entry Name	PGES2_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ptges2-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/135475>