

Recombinant Mouse Foxp3 protein, His & GST-tagged

Cat. No. Foxp3-1919M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Foxp3 aa. (Tyr190~Glu412 (Accession # Q99JB6)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Tyr190~Glu412
Description	The protein encoded by this gene is a member of the forkhead/winged-helix family of transcriptional regulators. Defects in this gene result in the scurfy phenotype (sf). Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 57.6kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

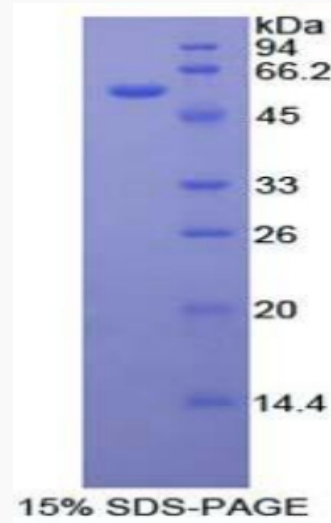
GENE INFORMATION

Gene Name	Foxp3 forkhead box P3 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Foxp3
Synonyms	Myh4; myosin, heavy polypeptide 4, skeletal muscle; MM; MHC2B; Myhsf; MYH-2B; Minmus; Minimsc; AI506973; MyHC-IIb; myosin-4; myHC-2b; myosin heavy chain 2b; myosin heavy chain 4
Gene ID	20371
mRNA Refseq	NM_001199347.1
Protein Refseq	NP_001186276.1
UniProt ID	Q99JB6

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SDS-PAGE

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