

Recombinant Mouse Myt1 protein, His & T7-tagged

Cat. No. Myt1-7971M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Myt1 aa. (His905~Val1127 (Accession # Q8CFC2)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	His905~Val1127
Description	This gene is a member of the myelin transcription factor 1 gene family. The encoded protein, a zinc finger DNA-binding protein, is involved in regulation of oligodendrocyte differentiation and proliferation in the developing central nervous system. The gene product has a role in remyelination through regeneration of oligodendrocyte lineage cells in response to demyelination. Alternative splicing results in multiple transcript variants.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.3kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.3.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications	SDS-PAGE; WB; ELISA; IP
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 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.
Reconstitution	Reconstitute in sterile ddH ₂ O.

GENE INFORMATION

Gene Name	Myt1 myelin transcription factor 1 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Myt1
Synonyms	Nzf2; Nzf2a; Nzf2b; Nzt2; NZF-2; neural zinc finger factor 2; neural zinc finger transcription factor 2; myelin transcription factor 1
Gene ID	17932
mRNA Refseq	NM_001171615.1
Protein Refseq	NP_001165086.1

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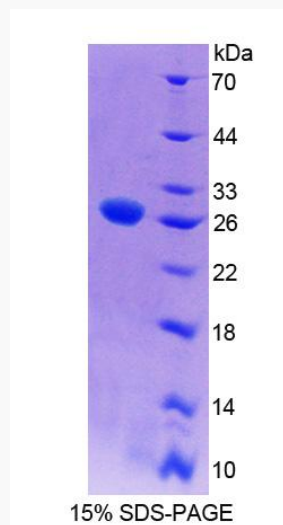
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UniProt ID

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SDS-PAGE

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