

# Recombinant Full Length Mouse Steroidogenic Factor 1(Nr5A1) Protein, His-Tagged

Cat. No. RFL34153MF Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant Full Length Mouse Steroidogenic factor 1(Nr5a1) Protein (P33242) (1-462aa), fused to N-terminal His tag, was expressed in E. coli.

### Species

Mus musculus

### Source

E.coli

### ProteinLength

Full Length (1-462aa)

### Form

Lyophilized powder

### AA Sequence

MDYSYDEDLDELCPVCGDKVSGYHYGLLTCESCKGFFKRTVQNNKHYTCTESQSC  
 KIDKTQRKRCPFRCRFQKCLTVGMRLEAVRADRMRGGRNKFGPMYKRDRALKQKKK  
 AQIRANGFKLETGPPMGVPPPPPPPDYMLPPSLHAPEPKALVSGPPSGPLGDFGA  
 PSLPMAVPGPHGPLAGYLYPAFSNRTIKSEYPEPYASPPQQPGPPYSYPEPFSGGP  
 NVPELILQLLQLEPEEDQVRARIVGCLQEPAKSRSDQPAPFSLCRMADQTFISIVDW  
 ARRCMVFKELEVADQMTLLQNCWSELLVLDHIYRQVQYGKEDSILLVTGQEVELSTV  
 AVQAGSLLHSLVLRQELVLQLHALQLDRQEFVCLKFLILFSLDVKFLNNHSLVKDAQ  
 EKANAALLDYTLCHYPHCGDKFQQLLLCLVEVRALSMQAKEYLYHKHLGNEMPRNN  
 LLIEMLQAKQT Note: The complete sequence including tag sequence, target protein  
 sequence and linker sequence could be provided upon request.

### Purity

Greater than 90% as determined by SDS-PAGE.

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<b>Applications</b>	SDS-PAGE
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	Nr5a1
<b>Synonyms</b>	Nr5a1; Ftzf1; Steroidogenic factor 1; SF-1; STF-1; Adrenal 4-binding protein; Embryonal LTR-binding protein; ELP; Embryonal long terminal repeat-binding protein; Fushi tarazu factor homolog 1; Nuclear receptor subfamily 5 group A member 1; Steroid hormone
<b>UniProt ID</b>	<a href="#">P33242</a>

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