

# Recombinant Mouse Farnesyl pyrophosphate synthase/FDPS Protein

RPCB2140



## Product Information

**Product SKU:** RPCB2140      **Gene ID:** 110196      **Size:** 100µg  
**Tag:** N-His      **Reactivity:** Mouse

## Additional Information

**Expression Host:** -      **Swissprot:** Q920E5  
**Purity:** > 85% by SDS-PAGE.

## Protein Information

**Background:** FDPS is a key enzyme in isoprenoid biosynthesis which catalyzes the formation of farnesyl diphosphate (FPP), and it is a precursor for several classes of essential metabolites including sterols, dolichols, carotenoids, and ubiquinones. FPP also serves as substrate for protein farnesylation and geranylgeranylation, and catalyzes the sequential condensation of isopentenyl pyrophosphate with the allylic pyrophosphates, dimethylallyl pyrophosphate, and then with the resultant geranylpyrophosphate to the ultimate product farnesyl pyrophosphate.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Mouse Farnesyl pyrophosphate synthase/FDPS Protein , tested reactivity in E.coli and has been validated in SDS-PAGE.100% guaranteed.

**Endotoxin:** Please contact us for more information.

**Formulation:** Lyophilized from a 0.22 µm filtered solution of 50 mM Tris, pH 8.0. Contact us for customized product form or formulation.

**Storage:** Store at -20°C.Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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