

## Recombinant Mouse IgG2B Protein

RPCB2064

### Protein Information

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<b>Size:</b>	20 µg , 100 µg , 500 µg	<b>Tag:</b>	N-His
<b>Reactivity:</b>	Mouse	<b>Expressed Host:</b>	-
<b>Calculated MW:</b>	27.46 kDa	<b>Observed MW:</b>	35-45 kDa

### Background

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IgG2b, Type I receptor for TGF-beta family ligands BMP9/GDF2 and BMP10 and important regulator of normal blood vessel development. On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. May bind activin as well.

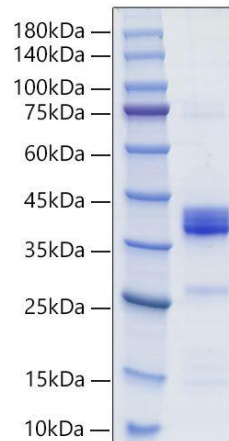
### Properties

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<b>Synonyms:</b>	Ighg2b, Igh-3, Ig gamma-2B chain C region , Immunoglobulin heavy constant gamma 2B
<b>Gene ID:</b>	-
<b>Endotoxin:</b>	< 0.01 EU/µg of the protein by LAL method
<b>Description:</b>	High quality, high purity and low endotoxin recombinant Recombinant Mouse IgG2B Protein (RPT0025), tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.
<b>Purity:</b>	≥ 90 % as determined by SDS-PAGE.
<b>Storage:</b>	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.

## Validation Data

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Recombinant Mouse IgG2B Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.