

Recombinant Human RFX6

Catalog No: #GP13197



Package Size: #GP13197-1 100ug

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Description

Product Name	Recombinant Human RFX6
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 729-928 amino acids of human RFX6
Target Name	regulatory factor X6
Other Names	MTFS; MTCHRS; RFXDC1; dJ955L16.1
Accession No.	Swissprot:Q8HWS3Gene Accession:BC039248
Uniprot	Q8HWS3
GeneID	222546;
Storage	-20~-80°C, pH 7.6 PBS

Background

The nuclear protein encoded by this gene is a member of the regulatory factor X (RFX) family of transcription factors. Studies in mice suggest that this gene is specifically required for the differentiation of islet cells for the production of insulin, but not for the differentiation of pancreatic polypeptide-producing cells. It regulates the transcription factors involved in beta-cell maturation and function, thus, restricting the expression of the beta-cell differentiation and specification genes. Mutations in this gene are associated with Mitchell-Riley syndrome, which is characterized by neonatal diabetes with pancreatic hypoplasia, duodenal and jejunal atresia, and gall bladder agenesis.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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