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Product Datasheet

NKX2.8(NKX28/2547), CF740 conjugate, 0.1mg/mL, Clone: [NKX28/2547], CF 740, Mouse, Monoclonal BOT-BNC742547-500

Article Name	NKX2.8(NKX28/2547), CF740 conjugate, 0.1mg/mL, Clone: [NKX28/2547], CF 740, Mouse, Monoclonal
Biozol Catalog Number	BOT-BNC742547-500
Supplier Catalog Number	BNC742547-500
Alternative Catalog Number	BOT-BNC742547-500-500UL
Manufacturer	Biotium
Host	Mouse
Category	Antikörper
Application	WB
Species Reactivity	Human
Immunogen	Human recombinant NKX2.8 protein fragment (around aa 10-123) (exact sequence is proprietary)
Conjugation	CF 740
Product Description	The protein encoded by this gene is a homeobox-containing developmental regulator associated with liver development. The encoded protein binds to the alpha-fetoprotein (AFP) gene promoter and increases the expression of AFP. This gene is overexpressed in liver, heart, and lung. It is also expressed in the brain, kidney, and testis. The protein is a member of the NKX homeobox gene family, which includes NKX2.1, NKX2.2, NKX2.3, NKX2.5, NKX2.6, and NKX2.7. These genes are involved in the development and function of various tissues, particularly in the nervous system and endocrine system. The NKX2.8 gene is located on chromosome 12 and contains six exons. It encodes a protein of approximately 120 amino acids. The protein has a conserved homeobox domain, which is involved in DNA binding and transcriptional regulation. The protein is also involved in the regulation of gene expression in the liver, heart, and lung. The protein is a member of the NKX homeobox gene family, which includes NKX2.1, NKX2.2, NKX2.3, NKX2.5, NKX2.6, and NKX2.7. These genes are involved in the development and function of various tissues, particularly in the nervous system and endocrine system. The NKX2.8 gene is located on chromosome 12 and contains six exons. It encodes a protein of approximately 120 amino acids. The protein has a conserved homeobox domain, which is involved in DNA binding and transcriptional regulation. The protein is also involved in the regulation of gene expression in the liver, heart, and lung.
Clonality	Monoclonal
Concentration	0.1 mg/mL
Clone Designation	[NKX28/2547]

Molecular Weight	26 kDa
UniProt	O15522
Buffer	PBS, 0.1% rBSA, 0.05% azide
Source	Animal
Application Notes	Western blot 0.5 ug-1 ug/mL, Optimal dilution for a specific application should be determined.