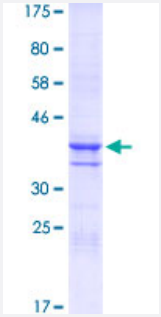
DLX2 (Human) Recombinant Protein (Q01)

Catalog # H00001746-Q01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DLX2 partial ORF (NP_004396, 1 a.a. - 124 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MTGVFDSLVADMHSTQIAASSTYHQHQQPPSGGGAGPGGNSSSSSSLHKPQESPTLPVSTATD SSYYTNQQHPAGGGGGGGSPYAHMGSYQYQASGLNNVPYSAKSSYDLGYTAAYTSYAPYGT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	39.38
Interspecies Antigen Sequence	Rat (91)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — DLX2

Entrez GeneID	1746
GeneBank Accession#	NM_004405
Protein Accession#	NP_004396
Gene Name	DLX2
Gene Alias	TES-1, TES1
Gene Description	distal-less homeobox 2
Omim ID	126255
Gene Ontology	Hyperlink
Gene Summary	Many vertebrate homeo box-containing genes have been identified on the basis of their sequence similarity with Drosophila developmental genes. Members of the Dlx gene family contain a homeo box that is related to that of Distal-less (Dll), a gene expressed in the head and limbs of the develo ping fruit fly. The Distal-less (Dlx) family of genes comprises at least 6 different members, DLX1-DLX6. The DLX proteins are postulated to play a role in forebrain and craniofacial development. This gene is located in a tail-to-tail configuration with another member of the gene family on the lo ng arm of chromosome 2. [provided by RefSeq
Other Designations	distal-less homeo box 2

Disease

- Autistic Disorder
- Cleft Lip

- Cleft Palate
- Genetic Predisposition to Disease
- Mental Disorders
- Schizophrenia