

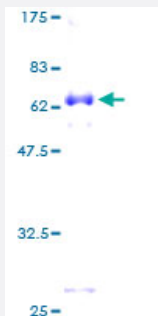
Full-Length

DLX5 (Human) Recombinant Protein (P01)

Catalog # H00001749-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human DLX5 full-length ORF (AAH06226, 1 a.a. - 289 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTGVFDRRVPSIRSGDFQAPFQTSAAAMHHPSQESPTLPESSATDSYYSPGGAPHGYCSPTSA
SYGKALNPYQYQYHGVNGSAGSYPAKAYADYSYASSYHQYGGAYNRVPSATNQPEKEVTEPEVR
MVNGKPKKVRKPRITYSSFQLAALQRRFQKTQYLALPERAELAASLGLTQTQVKWVFQNKRSKIKKI
MKNGEMPPEHSPSSSDPMACNSPQSPAVWEPQGSSRSLSHHPAHPPPTSNQSPASSYLENSA
SWY TSAASSINSHLPPPGSLQHPLALASGTLY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

57.53

Interspecies Antigen Sequence

Mouse (97); Rat (96)

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 — DLX5

Entrez GeneID[1749](#)**GeneBank Accession#**[BC006226](#)**Protein Accession#**[AAH06226](#)**Gene Name**

DLX5

Gene Alias

-

Gene Description

distal-less homeobox 5

Omim ID[600028](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of a homeobox transcription factor gene family similar to the Drosophila distal-less gene. The encoded protein may play a role in bone development and fracture healing. Mutation in this gene, which is located in a tail-to-tail configuration with another member of the family on the long arm of chromosome 7, may be associated with split-hand/split-foot malformation. [provided by RefSeq]

Other Designations

distal-less homeo box 5

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)