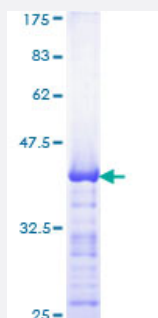


TFAP2B (Human) Recombinant Protein (Q01)

Catalog # H00007021-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TFAP2B partial ORF (NP_003212, 73 a.a. - 182 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DPYSHVNDPYSLNPLHQPPQHPWGQRQRQEVGSEAGSLLPQPRAALPQLSGLDPRRDYHSVR RPDVLLHSAHHGLDAGMGDSLHGLGHPGMEDVQSVEDANNSGMNLL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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 — TFAP2B

Entrez GeneID [7021](#)

GeneBank Accession# [NM_003221](#)

Protein Accession# [NP_003212](#)

Gene Name TFAP2B

Gene Alias AP-2B, AP2-B, MGC21381

Gene Description transcription factor AP-2 beta (activating enhancer binding protein 2 beta)

Omim ID [169100](#) [601601](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the AP-2 family of transcription factors. AP-2 proteins form homo- or hetero-dimers with other AP-2 family members and bind specific DNA sequences. They are thought to stimulate cell proliferation and suppress terminal differentiation of specific cell types during embryonic development. Specific AP-2 family members differ in their expression patterns and binding affinity for different promoters. This protein functions as both a transcriptional activator and repressor. Mutations in this gene result in autosomal dominant Char syndrome, suggesting that this gene functions in the differentiation of neural crest cell derivatives. [provided by RefSeq]

Other Designations OTTHUMP00000039925|activating enhancer binding protein 2 beta|transcription factor AP-2 beta

Disease

- [Alcoholism](#)
- [Alcohol-Related Disorders](#)

- [Antisocial Personality Disorder](#)
- [Anxiety](#)
- [Bipolar Disorder](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Ductus Arteriosus](#)
- [Genetic Predisposition to Disease](#)
- [Impulse Control Disorders](#)
- [Infant](#)
- [Insulin Resistance](#)
- [Mental Disorders](#)
- [Obesity](#)
- [Personality Inventory](#)
- [Personality Tests](#)
- [Premenstrual Syndrome](#)
- [Spirituality](#)