

Product datasheet for **TP302749L**

NFYB (NM_006166) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human nuclear transcription factor Y, beta (NFYB), 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC202749 protein sequence Red =Cloning site Green =Tags(s) |
| | MTMDGDSSTTDASQLGISADYIGGSHYVIQPHDDTEDSMNDHEDTNGSKESFREQDIYLPANVARIMKN AIPQTGKIAKDAKECVQECVSEFISFITSEASERCHQEKRKTINGEDILFAMSTLGFDSYVEPLKLYLQK FREAMKGEKGIGGAVTATDGLSEELTEEAFTNQLPAGLITTDGQQQNVMMVYTTTSYQQISGVQQIQFS |
| | TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 22.7 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_006157 |
| Locus ID: | 4801 |
| UniProt ID: | P25208 , A0A024RBG7 |
| RefSeq Size: | 3482 |



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Cytogenetics: 12q23.3

RefSeq ORF: 621

Synonyms: CBF-A; CBF-B; HAP3; NF-YB

Summary: The protein encoded by this gene is one subunit of a trimeric complex, forming a highly conserved transcription factor that binds with high specificity to CCAAT motifs in the promoter regions in a variety of genes. This gene product, subunit B, forms a tight dimer with the C subunit, a prerequisite for subunit A association. The resulting trimer binds to DNA with high specificity and affinity. Subunits B and C each contain a histone-like motif. Observation of the histone nature of these subunits is supported by two types of evidence; protein sequence alignments and experiments with mutants. [provided by RefSeq, Jul 2008]

Protein Families: Transcription Factors

Protein Pathways: Antigen processing and presentation

Product images:



Coomassie blue staining of purified NFYB protein (Cat# [TP302749]). The protein was produced from HEK293T cells transfected with NFYB cDNA clone (Cat# [RC202749]) using MegaTran 2.0 (Cat# [TT210002]).