

## 32-3324: BEND6 Recombinant Protein

**Alternative Name :** BEN Domain Containing 6,C6orf65,Chromosome 6 Open Reading Frame 65,bA203B9.1,BEN Domain-Containing Protein 6,BEND6.

### Description

Source : Escherichia Coli. BEND6 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 302 amino acids (1-279 a.a) and having a molecular mass of 33.6kDa.BEND6 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. BEN domain-containing protein 6 (BEND6) is a neural BEN-solo factor which shares many functional attributes with Drosophila Insensitive, a co-repressor for the Drosophila CSL factor. The BEND6 protein binds the mammalian CSL protein CBF1 and antagonizes Notch-dependent target activation. Furthermore, its association with Notch- and CBF1-regulated enhancers is stimulated by CBF1 and antagonized by activated Notch. In utero electroporation experiments demonstrated that ectopic BEND6 impeded Notch-mediated self-renewal of neocortical neural stem cells and promoted neurogenesis.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 90.0% as determined by SDS-PAGE.  
**Content :** BEND6 protein solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.1M NaCl.  
**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.  
**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSMQKIVQT DEITNTQAFR KGKRKRRTETM DSENANSMDMD KGQRDPYSGN AFLPGESSSE DEEPLAELSK EELCAKIKSL KEKLTNTRKE NSRLRQSLVM LQVLPQAVTQ FEELVGMAEA LLKGGGTMTS SASTLWRATN NSSPDSFAST CSNSNSNSSS PVSLKPEEEH QTDEKQFQIE KWQIARCNKS KPQKFINDLM QVLYTNEYMA THSLTGAKSS TSRDKAVKPA MNQNEVQEII GVTQQLFPNT DDVSIRRMIG QKLNNCTKKP NLSKNLNSQD IK.

