

Recombinant Human RBFOX3 Protein, His tagged

Cat. No. RBFOX3-09H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of Human RNA binding protein, fox-1 homolog (C. elegans) 3 (RBFOX3), Met1-Asn185, with N-terminal His tag, expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-185 aa
Description	This gene encodes a member of the RNA-binding FOX protein family which is involved in the regulation of alternative splicing of pre-mRNA. The protein has an N-terminal proline-rich region, an RNA recognition motif (RRM) domain, and a C-terminal alanine-rich region. This gene produces the neuronal nuclei (NeuN) antigen that has been widely used as a marker for post-mitotic neurons. This gene has its highest expression in the central nervous system and plays a prominent role in neural tissue development and regulation of adult brain function. Mutations in this gene have been associated with numerous neurological disorders. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms.
Molecular Mass	22.7 kDa
Purity	> 90% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

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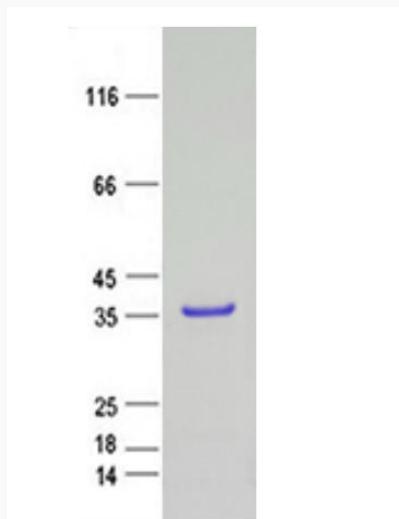
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Storage	Stable for at least 1 year from receipt of products under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	> 50 µg/mL as determined by microplate Bradford method
Shipping	Dry Ice
Storage Buffer	50 mM Tris-HCl, pH 8.0, 8M Urea
GENE INFORMATION	
Gene Name	RBFOX3 RNA binding protein, fox-1 homolog (C. elegans) 3 [Homo sapiens (human)]
Official Symbol	RBFOX3
Synonyms	RBFOX3; RNA binding protein, fox-1 homolog (C. elegans) 3; RNA binding protein fox-1 homolog 3; FOX 3; hexaribonucleotide binding protein 3; HRNBP3; NeuN; neuronal nuclei; fox-1 homolog C; FOX3; NEUN; FOX-3; FLJ56884; FLJ58356
Gene ID	146713
mRNA Refseq	NM_001082575
Protein Refseq	NP_001076044
MIM	616999
UniProt ID	A6NFN3

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SDS-PAGE

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