

Oligodendrocyte transcription factor 2 Recombinant Protein | OLIG2 recombinant protein

Recombinant Human Oligodendrocyte transcription factor 2

CATALOG # AAA117069	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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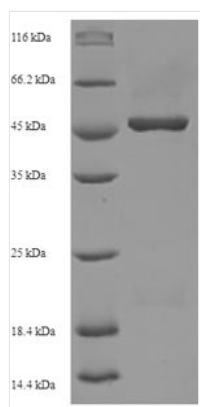
PRODUCT SYNONYMS

Oligodendrocyte transcription factor 2; Recombinant Human Oligodendrocyte transcription factor 2; Class B basic helix-loop-helix protein 1; bHLHb1; Class E basic helix-loop-helix protein 19; bHLHe19; Protein kinase C-binding protein 2; Protein kinase C-binding protein RACK17; OLIG2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1-323. Full Length
Sequence	MDSDASLVSS RPSSPEPDDL FLPARSKGSS GSAFTGGTVS SSTPSDCPPE LSaelRGAMG SAGAHPGDKL GGSGFKSSSS STSSSTSSAA ASSTKKDKKQ MTEPELQQLR LKINSRERKR MHDlnIAMDG LREVMpyAHG PSVRKLSKIA TLLLARNYIL MLTNSLEEMK RLVSEIYGGH HAGFHPSACG GLAHSAPLPA ATAHPAAAAH AAHHPAVHHP ILPPAAAAAA AAAAAAAVSS ASLPGSGLPS VGSIRPPHGL LKSPSAAAAA PLGGGGGGSG ASGGFQHWGG MPCPCSMCQV PPHHHVSAM GAGSLPRLTS DAK
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for OLIG2 recombinant protein	Required for oligodendrocyte and motor neuron specification in the spinal cord, as well as for the development of somatic motor neurons in the hindbrain. Cooperates with OLIG1 to establish the pMN domain of the embryonic neural tube. Antagonist of V2 interneuron and of NKX2-2-induced V3 interneuron development
Product Categories/Family for OLIG2 recombinant protein	Epigenetics and Nuclear Signaling

References	"Protein kinase C-binding protein." Kuroda S., Tokunaga C., Kiyohara Y., Konishi H., Kikkawa U. Submitted (FEB-1996)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17978475
NCBI GeneID	10215
NCBI Accession #	NP_005797.1
NCBI GenBank Nucleotide #	NM_005806.3
UniProt Accession #	Q13516; Q05BP9; Q49AL3; Q86X04; Q9NZ14; B3KRF3
Molecular Weight	48.4 kDa
NCBI Official Full Name	oligodendrocyte transcription factor 2
NCBI Official Synonym Full Names	oligodendrocyte lineage transcription factor 2
NCBI Official Symbol	OLIG2
NCBI Official Synonym Symbols	BHLHB1; OLIGO2; RACK17; PRKCBP2; bHLHe19
NCBI Protein Information	oligodendrocyte transcription factor 2
UniProt Protein Name	Oligodendrocyte transcription factor 2
UniProt Gene Name	OLIG2
UniProt Synonym Gene Names	BHLHB1; BHLHE19; PRKCBP2; RACK17; Oligo2; bHLHb1; bHLHe19
UniProt Entry Name	OLIG2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/olig2-recombinant-protein-e-coli/117069>