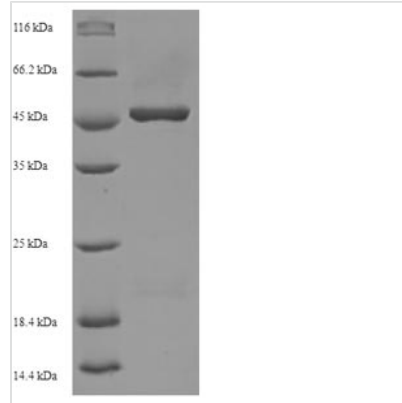




# Recombinant Human Oligodendrocyte transcription factor 2(OLIG2)

<b>Product Code</b>	CSB-EP623814HU
<b>Relevance</b>	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
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q13516
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Alias</b>	Class B basic helix-loop-helix protein 1 Short name: bHLHb1 Class E basic helix-loop-helix protein 19 Short name: bHLHe19 Protein kinase C-binding protein 2 Protein kinase C-binding protein RACK17
<b>Product Type</b>	Recombinant Protein
<b>Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MDSDASLVSSRPSSPEPDDLFLPARSKGSSGSAFTGGTVSSSTPSPDCPELS AELRGAMGSAGAHPGDKLGGSGFKSSSSSTSSSTSSAAASSTKKDKKQMTE PELQQLRLKINSRERKRMHDLNIAAMDGLREVMPYAHGPSVRKLSKIATLLLARN YILMLTNSLEEMKRLVSEIYGGHHAGFHPSACGGLAHSAPLPAATAHPAAAAH AAHHPAVHHPILPPAAAAAAAAAAAAAVSSASLPGSGLPSVGSIRPPHGLLKSP SAAAAAPLGGGGGGSGASGGFQHWGGMPCPCSMCQVPPPHHHVSAMGAG SLPRLTSDAK
<b>Research Area</b>	Epigenetics and Nuclear Signaling
<b>Source</b>	E.coli
<b>Gene Names</b>	OLIG2
<b>Expression Region</b>	1-323aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 6xHis-SUMO-tagged
<b>Mol. Weight</b>	48.4kDa
<b>Protein Description</b>	Full Length
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.