Recombinant Human OLIG1 Protein (17-105 aa), His-tagged

Cat. No. OLIG1-2551H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human OLIG1 Protein (17-105 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Neuroscience. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	17-105 aa
Description	Promotes formation and maturation of oligodendrocytes, especially within the brain. Cooperates with OLIG2 to establish the pMN domain of the embryonic neural tube.
Form	Tris-based buffer,50% glycerol
Molecular Mass	11.1 kDa
AA Sequence	MLRPQRPGDLQLGASLYELVGYRQPPSSSSSSTSSTSSTSSSSTTAPLLPKAAREK PEAPAEPPGPGPGSGAHPGGSARPDAKEEQQQQ
Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

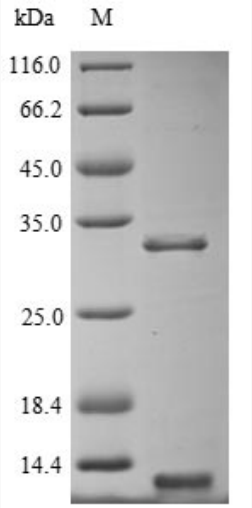
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45-1 Ramsey Road, Shirley, NY 11967, USA

Storage	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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Gene Name	OLIG1 oligodendrocyte transcription factor 1 [Homo sapiens]
Official Symbol	OLIG1
Synonyms	OLIG1; basic domain; helix loop helix protein; class B; 6; BHLHB6; bHLHe21; oligo1; BHLHE21;
Gene ID	116448
mRNA Refseq	NM_138983
Protein Refseq	NP_620450
MIM	606385
UniProt ID	Q8TAK6

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

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