

Product datasheet for TP503390

Olig1 (NM_016968) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse oligodendrocyte transcription factor 1 (Olig1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203390 protein sequence Red =Cloning site Green =Tags(s)

MYAISQARVNAAPATMLRPQRPQDVGDLGASLYELVGYRQPPISSSSSSSSTASLLPKPAREKAEAPLA
EPRGPAPESGGARADAKKEEQQQQLRRKINSRERKRMQDLNLAMDALREVILPYSAHCQGAPGRKLSKI
ATLLLARNYILLGSSLQELRRALGDGAPAPRLLLAGLPLAAAPGSVLLAPGAVGPPETLRPTKYLK
LALDEPPCGQFSLPAGGAGSPGLCSCAVCKFPHLVPAGLGLAAVQAQFSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	27.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_058664
Locus ID:	50914
UniProt ID:	Q9JKN5 , Q3UN59
RefSeq Size:	2171



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Cytogenetics:	16 C3.3
RefSeq ORF:	783
Synonyms:	AI836478; AW494459; Bhlhb6; bHLHe21; Olg-1; Oligo1
Summary:	Promotes formation and maturation of oligodendrocytes, especially within the brain. Cooperates with OLIG2 to establish the pMN domain of the embryonic neural tube. [UniProtKB/Swiss-Prot Function]