Recombinant Human PAX7 protein, T7/His-tagged

Cat. No. PAX7-132H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Pax7 cDNA (520aa, Isoform_1) fused with T7-His-TEV cleavage site Tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Form	0.2 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, Sucrose and DTT.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGEFAALPGTVPRMMRPAPGQNYPRTGF PLEVSTPLGQGRVNQLGGVFIN GRPLPNHIRHKIVEMAHHGIRPCVISRQLRVSHGC VSKILCRYQETGSIRPGAIGGSKPRQVATPDVEKKIEEYK RENPGMFSWEIRDRLLK DGHCDRSTVPSGLVSSISRVLRIKFGKKEEEDEADKKEDDGEKKAKHSIDGILGDKG N RLDEGSDVESEPDLPLKRKQRRSRTTFTAEQLEELEKAFERTHYPDIYTREELAQ RTKLTEARVQVWFSNRRARW RKQAGANQLAAFNHLLPGGFPPTGMPTLPPYQLP DSTYPTTTISQDGGSTVHRPQPLPPSTMHQGGLAAAAAAAD TSSAYGARHSFSSY SDSFMNPAAPSNHMNPVSNGLSPQVMSILGNPSAVPPQPQADFSISPLHGGLDSAT SISAS CSQRADSIKPGDSLPTSQAYCPPTYSTTGYSVDPVAGYQYGQYGQSECLVP WASPVPIPSPTPRASCLFMESYKV VSGWGMSISQMEKLKSSQMEQFT
Purity	>90% by SDS-PAGE
Storage	Keep at -80 centigrade for long term storage. Product is stable at 4 centigrade for at least 7 days.

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GENE INFORMATION

Gene Name	PAX7 paired box 7 [Homo sapiens]
Official Symbol	PAX7
Synonyms	PAX7; paired box 7; paired box gene 7; paired box protein Pax-7; Hup1; paired domain gene 7; paired box homeotic gene 7; PAX7 transcriptional factor; HUP1; RMS2; PAX7B; FLJ37460;
Gene ID	5081
mRNA Refseq	NM_001135254
Protein Refseq	NP_001128726
MIM	167410
UniProt ID	P23759
Chromosome Location	1p36.13
Pathway	Transcriptional misregulation in cancer, organism-specific biosystem; Transcriptional misregulation in cancer, conserved biosystem;
Function	sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity;

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