Recombinant Full Length Human DMBX1 Protein, GST-tagged

Cat. No. DMBX1-4012HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DMBX1 full-length ORF (NP_757379.1, 1 a.a. - 377 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	377 amino acids
Description	This gene encodes a member of the bicoid sub-family of homeodomain-containing transcription factors. The encoded protein acts as a transcription factor and may play a role in brain and sensory organ development. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]
Molecular Mass	67.1 kDa
AA Sequence	MQHYGVNGYSLHAMNSLSAMYNLHQQAAQQAQHAPDYRPSVHALTLAERLADIILE ARYGSQHRKQRRSRTAFTAQQLEALEKTFQKTHYPDVVMRERLAMCTNLPEARVQ VWFKNRRAKFRKKQRSLQKEQLQKQKEAEGSHGEGKAEAPTPDTQLDTEQPPRLP GSDPPAELHLSLSEQSASESAPEDQPDREEDPRAGAEDPKAEKSPGADSKGLGCK RGSPKADSPGSLTITPVAPGGGLLGPSHSYSSSPLSLFRLQEQFRQHMAATNNLVH YSSFEVGGPAPAAAAAAAAVPYLGVNMAPLGSLHCQSYYQSLSAAAAAHQGVWGS PLLPAPPAGLAPASATLNSKTTSIENLRLRAKQHAASLGLDTLPN
Applications	Enzyme-linked Immunoabsorbent Assay

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	Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DMBX1 diencephalon/mesencephalon homeobox 1 [Homo sapiens]
Official Symbol	DMBX1
Synonyms	DMBX1; diencephalon/mesencephalon homeobox 1; orthodenticle homolog 3 (Drosophila) , OTX3; diencephalon/mesencephalon homeobox protein 1; PAXB; homeoprotein MBX; orthodenticle homolog 3; paired-like homeobox protein DMBX1; MBX; OTX3;
Gene ID	127343
mRNA Refseq	NM_147192
Protein Refseq	NP_671725
MIM	607410
UniProt ID	Q8NFW5

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