

Recombinant Full Length Human NOBOX Protein, GST-tagged

Cat. No. NOBOX-6675HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NOBOX full-length ORF (AAI52835.1, 1 a.a. - 490 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	490 amino acids
Description	NOBOX is a homeobox gene that is preferentially expressed in oocytes. In mice, it is essential for folliculogenesis and regulation of oocyte-specific genes (Huntriss et al., 2006 [PubMed 16597639]).[supplied by OMIM
Molecular Mass	80.3 kDa
AA Sequence	MALLLTLTSPDLEGTDTRDKDGFKAQEGPPLAVPEFPVCGLYRIYGVCGSFSSFFII RCSLCALETCLKSPQHDPLEIPEQSLKLIPLVSGKRELTRGQKAGEKPLAAGPGEEELL RGSAPHAQDTQSEELPPSCTISGEKKPPAVSGEATGADAGRLCPPPRSRAPHKDRT LARSRPQTQGEDCSLPVGEVKIGKRSYSPAPGKQKKPNAMGLAPTSSPGAPNSAR ATHNPVPCGSGRGPCHLANLLSTLAQSNQNRDQKQGPPEVTCQIRKKTRTLYRSD QLEELEKIFQEDHYPDSDKRREIAQTVGVTPQRIMVKGAGSLVAGWSGGGPTIETLE LQSERSAVAWWWFQNRRAKWRKMEKLNKGESKDNPAAPGPASSQCSSAAEILPAV PMEPKDPFPQESPLDTFPEPPMLLTSDQTLAPTQPSEGAQRVVTPPLFSPPPVRR ADLPFPLGPVHTPQLMPLLMDVAGSDSSHKDGPCGSWGTR

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Applications	Enzyme-linked Immunoabsorbent Assay 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	NOBOX NOBOX oogenesis homeobox [Homo sapiens]
Official Symbol	NOBOX
Synonyms	NOBOX; NOBOX oogenesis homeobox; homeobox protein NOBOX; newborn ovary homeobox encoding gene; OG2; Og2x; newborn ovary homeobox-encoding; OG-2; OG2X; POF5; TCAG_12042;
Gene ID	135935
mRNA Refseq	NM_001080413
Protein Refseq	NP_001073882
MIM	610934
UniProt ID	O60393

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