

Recombinant Full Length Human NODAL Protein, GST-tagged

Cat. No. NODAL-6680HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human NODAL full-length ORF (AAH33585.1, 1 a.a. - 326 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	326 amino acids
Description	The protein encoded by this gene is a member of the TGF-beta superfamily. Studies of the mouse counterpart suggested that this gene may be essential for mesoderm formation and subsequent organization of axial structures in early embryonic development. [provided by RefSeq]
Molecular Mass	62.26 kDa
AA Sequence	MTVATALLRTRGQPSSPSPLAYMLSLYRDPLPRADIIRSLQAEDVAVDGQNWTFADF FSFLSQQEDLAWAELRLQLSSPVDLPTEGSLAIEIFHQPKPDTEQASDSCLERFQMD LFTVTLSQVTFSLGSMVLEVTRPLSKWLKRPGALEKQMSRVAGECWPRPPTPPATN VLLMLYSNLSQEQRQLGGSTLLWEAESSWRAQEGQLSWEWGKRHRRHHLPPDRSQ LCRKVKFQVDFNLIGWGSWIIYPKQYNAYRCEGECPNPVGEEFHPTNHAYIQSLLKR YQPHRVPSTCCAPVKTPLSMLYVDNGRVLLDHHKDMIVEECGCL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	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	NODAL nodal homolog (mouse) [Homo sapiens]
Official Symbol	NODAL
Synonyms	NODAL; nodal homolog (mouse); nodal, mouse, homolog; nodal homolog; HTX5; MGC138230;
Gene ID	4838
mRNA Refseq	NM_018055
Protein Refseq	NP_060525
MIM	601265
UniProt ID	Q96S42