

Active Recombinant Mouse Lefty1

Cat. No. Lefty1-629M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lefty1 (Accession # NP_034224), fused with , was produced in Mouse myeloma cell line, NS0-derived.
Species	Mouse
Source	Mammalian Cells
Predicted N Terminal	Leu22 (pro) & His (mature)
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to cause heart reversals when injected into the right or left lateral plate mesoderm of Xenopus neurulae embryos. Between 10-50 ng per embryo will cause 50% heart reversals.
Molecular Mass	Recombinant Mouse Lefty1 has a calculated MW of 26.9 kDa. In SDS-PAGE migrates as 12 kDa and 36 kDa, reducing conditions.
Purity	>90%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Lefty1 left right determination factor 1 [Mus musculus]
Official Symbol	Lefty1
Synonyms	LEFTY1; left right determination factor 1; left-right determination factor 1; TGF-beta-4; protein lefty-1; transforming growth factor beta-4; left-right determination, factor B; stimulated by retinoic acid gene 3 protein; Ebaf; Leftb; Stra3; Tgfb4; lefty; lefty-1; AI450052;
Gene ID	13590
mRNA Refseq	NM_010094
Protein Refseq	NP_034224
MIM	

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