

Left-right determination factor 2 (LEFTY2) Recombinant Protein | LEFTY2 recombinant protein

Recombinant Human Left-right determination factor 2 (LEFTY2)

CATALOG # AAA115902	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Left-right determination factor 2 (LEFTY2); Recombinant Human Left-right determination factor 2 (LEFTY2); LEFTY2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	77-366. Full length of the mature protein.
Sequence	RFSQSFREVA GRFLASEAST HLLVFGMEQR LPPNSELVQA VLRLFQEPVP KAALHRHGRL SPRSAQARVT VEWLRVRDDG SNRTSLIDSR LVSVHESGWK AFDVTEAVNF WQQLSRPRQP LLLQVSVQRE HLGPLASGAH KLVRFASQGA PAGLGEPQLE LHTLDLRDYG AQGDCDPEAP MTEGTRCCRQ EMYIDLQGMK WAKNWWLEPP GFLAYECVGT CQQPPEALAF NWPFLGPRQC IASETASLPM IVSIKEGGRT RPQVVSLPNM RVQKCSCASD GALVPRRLQP
Sequence Length	366
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for LEFTY2 recombinant protein	This gene encodes a member of the TGF-beta family of proteins. The encoded protein is secreted and plays a role in left-right asymmetry determination of organ systems during development. The protein may also play a role in endometrial bleeding. Mutations in this gene have been associated with left-right axis malformations, particularly in the heart and lungs. Some types of infertility have been associated with dysregulated expression of this gene in the endometrium. Alternative processing of this protein can yield three different products. This gene is closely linked to both a related family member and a related pseudogene.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	289063399
NCBI GeneID	7044
NCBI Accession #	NP_001165896.1
NCBI GenBank Nucleotide #	NM_001172425.2
UniProt Accession #	O00292 ; O75611 ; Q5TE89 ; Q8NBQ9 ; B3KNH4 ; B4E332 ; E9PDM4
Molecular Weight	39.8 kDa
NCBI Official Full Name	left-right determination factor 2 isoform 2

NCBI Official Synonym Full Names	left-right determination factor 2
NCBI Official Symbol	LEFTY2
NCBI Official Synonym Symbols	EBAF; LEFTA; TGFB4; LEFTYA
NCBI Protein Information	left-right determination factor 2
UniProt Protein Name	Left-right determination factor 2
UniProt Gene Name	LEFTY2
UniProt Synonym Gene Names	EBAF; LEFTA; LEFTYA; TGFB4; TGF-beta-4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lefty2-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115902>