

Left/Right Determination Factor 2 (LEFTY2) Recombinant Protein | LEFTY2 recombinant protein

Recombinant Left/Right Determination Factor 2 (LEFTY2)

CATALOG # AAA134339	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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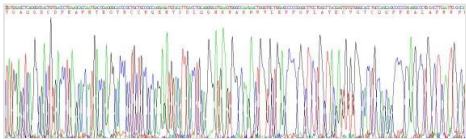
PRODUCT SYNONYMS

Left/Right Determination Factor 2 (LEFTY2); Recombinant Left/Right Determination Factor 2 (LEFTY2); LEFTY2 recombinant protein

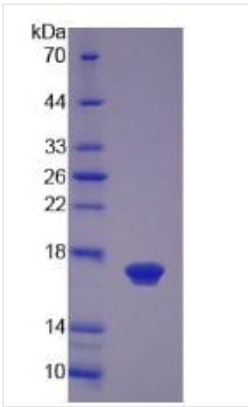
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	The target protein is fused with N-terminal His -Tag, its sequence is listed below. MGHHHH HHSGSEF-YG AQGDCDPEAP MTEGTRCCRQ EMYIDLQGMK WAKNWWLEPP GFLAYECVGT CQQPPEALAF NWPFLGPRQC IASETASLPM IVSIKEGGRT RPQVVSLPNM RVQKCSCASD
Sequence Length	332
Applicable Applications for LEFTY2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Tyr245~Asp356 (Accession # O00292) with N-terminal His-Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

YGAQGD

CDPEAPMTEG TRCCRQEMYI DLQGMKWAKN WVLEPPGFLA YECVGTCCQP

PEALAFNMPF LGPRQCIASE TASLPMIVSI KEGGRTRPQV VSLPNMRVQK

CSCASD

Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	289063399
NCBI GeneID	7044
NCBI Accession #	NP_001165896.1
NCBI GenBank Nucleotide #	NM_001172425.1
UniProt Accession #	O00292; O75611; Q5TE89; Q8NBQ9; B3KNH4; B4E332; E9PDM4
Molecular Weight	13.9kDa
NCBI Official Full Name	left-right determination factor 2 isoform 2 preproprotein
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; TGF-beta-4; protein lefty-2; protein lefty-A; left-right determination factor A; transforming growth factor beta-4; endometrial bleeding-associated factor
UniProt Protein Name	Left-right determination factor 2
UniProt Gene Name	LEFTY2
UniProt Synonym Gene Names	EBAF; LEFTA; LEFTYA; TGFB4; TGF-beta-4
UniProt Entry Name	LFTY2_HUMAN

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.