

Recombinant Human KAL1

Cat. No. KAL1-29684TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human KAL1 with a N terminal proprietary tag: predicted molecular weight 37.73 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	110 amino acids
Description	Mutations in this gene cause the X-linked Kallmann syndrome. The encoded protein is similar in sequence to proteins known to function in neural cell adhesion and axonal migration. In addition, this cell surface protein is N-glycosylated and may have anti-protease activity.
Molecular Weight	37.730kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids LAKPENLSASFIVQDVNITGHFSWKMAKANLYQPMTGFQV TWA EVT TESRQNSLPN
SIISQSQILPSDHYVLTVPNLRPS TLYRLEVQVLTPGGEGPATIKTFRTPELPP

Sequence Similarities Contains 4 fibronectin type-III domains.Contains 1 WAP domain.

GENE INFORMATION

Gene Name KAL1 Kallmann syndrome 1 sequence [Homo sapiens]

Official Symbol KAL1

Synonyms KAL1; Kallmann syndrome 1 sequence; ADMLX, KAL; anosmin-1; anosmin 1; KALIG 1;

Gene ID 3730

mRNA Refseq NM_000216

Protein Refseq NP_000207

MIM 300836

Uniprot ID P23352

Chromosome Location Xp22.32

Function extracellular matrix structural constituent; heparin binding; peptidase inhibitor activity; serine-type endopeptidase inhibitor activity;

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