

Recombinant Human ANOS1 Protein, His-tagged

Cat. No. ANOS1-158H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANOS1 Protein (Ser283-Leu665) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ser283-Leu665
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 46.6 kDa Accurate Molecular Mass: 47 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

[ANOS1 anosmin 1 \[Homo sapiens \(human\) \]](#)

Official Symbol

[ANOS1](#)

Synonyms

ANOS1; anosmin 1; HH1; HHA; KAL; KMS; KAL1; ADMLX; WFDC19; KALIG-1; anosmin-1; Kallmann syndrome interval gene 1; Kallmann syndrome-1 sequence (anosmin-1); WAP four-disulfide core domain 19; adhesion molecule-like X-linked; kallmann syndrome protein; EC 3.4.21.4

Gene ID

[3730](#)

mRNA Refseq

[NM_000216](#)

Protein Refseq

[NP_000207](#)

MIM

[300836](#)

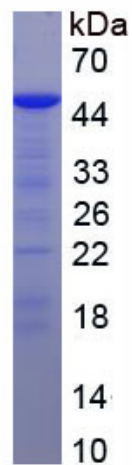
UniProt ID

[P23352](#)

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