

Recombinant Human ANOS1 Protein, His-tagged

Cat. No. ANOS1-002H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANOS1 Protein (384-680 aa (partial)) with 6xHis tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	384-680
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 Mass	36.1 kDa
Purity	>90% confirmed by 10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6xHis (WB).
Applications	ELISA, Western Blot, Antibody Production, Protein array
Quality Control Test	10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-6His (WB) and peptide fingerprinting by MALDI-TOF mass spectrometry.
Storage	Store working aliquots at 4 centigrade for up to one week. Repeated freezing and

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thawing is not recommended. For extended storage, conserve at -80 centigrade.

Expiry 12 months from the date of purchase, if it is properly stored.

Storage Buffer 20mM Tris-HCl, 0.5M NaCl, 1mM bMercaptoetanol, 0.25mM Imidazole, pH: 8.0.

Shipping Dry Ice

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](#)

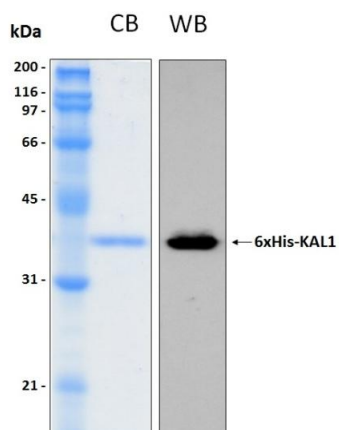
MIM [300836](#)

UniProt ID [P23352](#)

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