



# Recombinant Human Anosmin-1 (KAL1)

<b>Product Code</b>	CSB-EP011978HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P23352
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	<p>AGPGAA AARRLDESLS AGSVQRARCA SRCLSLQITR ISAFFQHFQN          NGSLVWCQNH KQCSKCLEPC KESGDLRKHQ CQSFCPEPLFP KKSYECLTSC          EFLKYILLVK QGDCPAPEKA SGFAAACVES CEVDNECSGV KKCCSNGCGH          TCQVPKTLYK GVPLKPRKEL RFTLQSGQL EVKWSSKFNI SIEPVIYVVQ          RRWNYGIHPS EDDATHWQTV AQTDERVQL TDIRPSRWYQ FRVAAVNVHG          TRGFTAPSKH FRSSKDPSAP PAPANLRLAN STVNSDGSVT VTIVWDLPEE          PDIPVHHYKV FWSWMVSSKS LVPTKKKRRK TTDGFQNSVI LEKLQPCDY          VVELQAITYW GQTRLKSAKV SLHFTSTHAT NNKEQLVKTR KGGIQTQLPF          QRRRPTRPLE VGAPFYQDGQ LQVKVYWKKT EDPTVNRVYHV          RWFPEACAHN RTTGSEASSG MTHENYIILQ DLSFSCYKYV TVQPIRPKSH          SKAEAVFFTT PPCSALKGKS HKPVGCLGEA GHVLSKVLAK PENLSASFIV          QDVNITGHFS WKMAKANLYQ PMTGFQVTWA EVTTESRQNS LPNSIISQSQ          ILPSDHYVLT VPNLRPSTLY RLEVQVLTPG GEGPATIKTF RTPELPPSSA          HRSHLKHRHP HHYKSPERY</p>
<b>Source</b>	E.coli
<b>Target Names</b>	ANOS1
<b>Protein Names</b>	Recommended name: Anosmin-1 Alternative name(s): Adhesion molecule-like X-linked Kallmann syndrome protein
<b>Expression Region</b>	25-680
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ . The shelf life of lyophilized form is 12 months at  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ .