

Recombinant Human KISS1 protein, His-tagged

Cat. No. KISS1-3825H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human KISS1 protein(1-138 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-138 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MNSLVSWQLLLFLCATHFGEPLEKVASVGNSRPTGQQLESGLLAPGEQSLPCTER KPAATARLSRRGTSLSPPESSGSPQQPGLSAPHSRQIPAPQGAVLVQREKDLPNY NWNSFGLRFGKREAAPGNHGRSAGRG
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name KISS1 KiSS-1 metastasis-suppressor [Homo sapiens]

Official Symbol KISS1

Synonyms KISS1; KiSS-1 metastasis-suppressor; metastasis-suppressor KiSS-1; metastin; kisspeptin-1; malignant melanoma metastasis-suppressor; KiSS-1; MGC39258;

Gene ID 3814

mRNA Refseq NM_002256

Protein Refseq NP_002247

MIM 603286

UniProt ID Q15726

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