

Recombinant Human KRT8 Protein (Gln90-Gln236), His tagged

Cat. No. KRT8-2112H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CK-8 (Gln90-Gln236) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Gln90-Gln236
Description	Keratin8 (KRT8) is the major component of the intermediate filament cytoskeleton and predominantly expressed in simple epithelial tissues. Aberrant expression of KRT8 is associated with multiple tumor progression and metastasis. KRT8 overexpression in renal cancer cell lines promoted cell migration and invasion. In contrast, KRT8 knockdown suppressed ccRCC metastasis both in vitro and in vivo. KRT8 expression may therefore be a biomarker or potential therapeutic target to identify patients with worse survival.
Form	Lyophilized powder/frozen liquid
Molecular Mass	19.15 kDa
Purity	>90% as determined by SDS-PAGE
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	KRT8 keratin 8 [Homo sapiens (human)]
Official Symbol	KRT8
Synonyms	KRT8; keratin 8; K8; KO; CK8; CK-8; CYK8; K2C8; CARD2; keratin, type II cytoskeletal 8; cytokeratin-8; keratin 8, type II; type-II keratin Kb8
Gene ID	3856
mRNA Refseq	NM_002273
Protein Refseq	NP_002264
MIM	148060
UniProt ID	P05787

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