

Catalog Number: **230-00222**

Recombinant Human Cytokeratin 19 (KRT19)**Source**

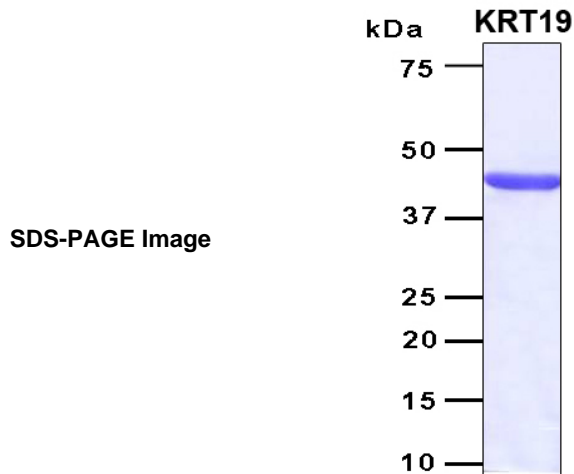
Species	Human
Accession Number	P08727
Gene Symbol	KRT19
Gene ID	3880
Expressed Region	Thr2-Leu400 (full length)
Synonyms	Keratin, type I cytoskeletal 19, KRT19.

Preparation

Expression System	E.Coli
Tag	N-terminal 6x histidine tag
Purification	His-tag affinity purification by immobilized metal ion affinity chromatography (IMAC)
Purity	> 90%
Purity Determined By	SDS-PAGE under reducing conditions and visualized by Coomassie blue staining
Molecular Weight	44

Protein Specifications

Format	Liquid
Formulation	Supplied as a 0.2 um filtered solution in 40 mM Tris-HCl, 50 mM NaCl (pH 8.5).
Concentration	Lot specific (see the label on the vial)
Preservative	None
Endotoxin Level	Not determined
Recommended Applications	ELISA, Western blotting, Dot Blotting, Immunogen, Protein Array

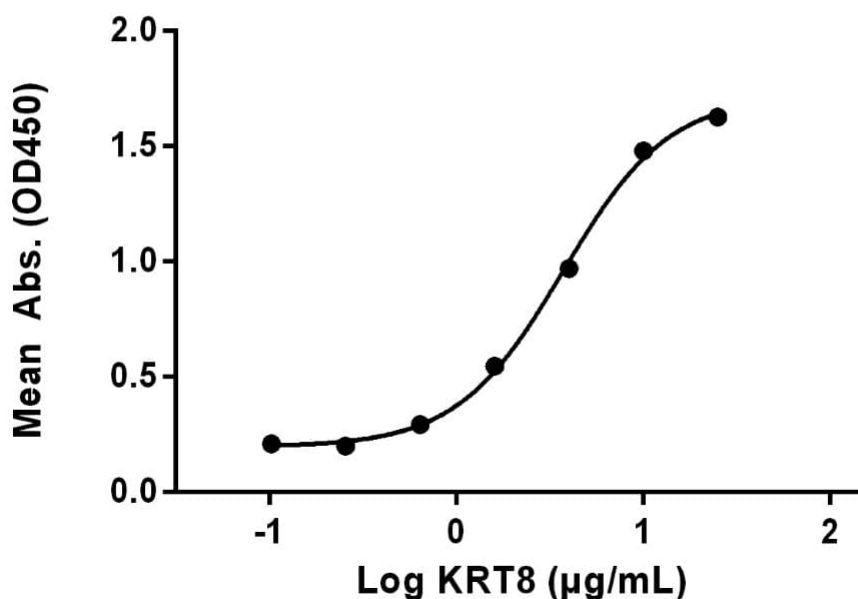


Activity

Measured by its binding ability in a functional ELISA. Immobilized recombinant KRT19 at 0.75 $\mu\text{g/mL}$ (100 L/well) can bind Human KRT8 with EC_{50} at 3.7 $\mu\text{g/mL}$.

Human KRT19, His Tag ELISA

0.075 μg of Human KRT19, His Tag per well



Shipping

Ice packs

Storage/Stability

Upon arrival, the protein may be stored for 2 weeks at 4 °C. For long term storage, it is recommended to store at -20 °C or -80 °C in appropriate aliquots. Avoid repeated freeze-thaw cycles.

This product is furnished for **LABORATORY RESEARCH USE ONLY**.

Not for diagnostic or therapeutic use.