

Product Datasheet

Recombinant Human KERA GST (N-Term) Protein H00011081-Q01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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H00011081-Q01-10ug**Recombinant Human KERA GST (N-Term) Protein**

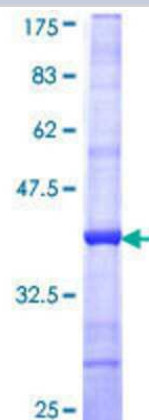
Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.

Product Description	
Description	<p>A recombinant protein with a N-terminal GST tag corresponding to the amino acids 253-351 of Human KERA partial ORF</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: GLPSRGFDVSSILDQLSHNQLTKVPRISAHLLQHLHLDHNNIKSVNVSVICPSPS MLPAERDSFSYGPHRLRLDGNIEKPPIMALMTCFRLLQAVI</p>
Gene ID	11081
Gene Symbol	KERA
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

Product Application Details	
Applications	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
Recommended Dilutions	Western Blot, ELISA, Protein Array, Immunoaffinity Purification

Images

12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Zhang Y, Conrad AH, Conrad GW. et al. Effects of Ultraviolet-A and Riboflavin on the Interaction of Collagen and Proteoglycans during Corneal Cross-linking. J Biol Chem 2011-02-18 [PMID: 21335557]

Zhang Y, Mao X, Schwend T et al. Resistance of Corneal RFUVA-Cross-Linked Collagens and Small Leucine-Rich Proteoglycans to Degradation by Matrix Metalloproteinases. Invest Ophthalmol Vis Sci 2013-02-05 [PMID: 23322569]



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. This product is guaranteed for 1 year from date of receipt.

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