

Full-Length

KERA (Human) Recombinant Protein (P01)

Catalog # H00011081-P01

Size 50 ug

Specification

Product Description	Human KERA full-length ORF (BAG37486.1, 1 a.a. - 352 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MAGTICFIMWVLFITDTVWSRSVRQVYEVHSDDDWTIHDFECPMECFCPPSFPTALYCENRGLKEI PAIPSRWYLYLQNNLIETIPEKPSENATQLRWINLNKNKITNYGIEKGALSQKLLFLFLEDNELEEV PSPLPRSLEQLQLARNKVSRI PQGTFSSLENLTLLDLQNNKLVDNAFQRDTFKGLKNLMQLNMAK NALRNMPPRLPANTMQLFLDNNNSIEGIPENYFNVIPKVAFLRLNHNKLSDEGLPSRGFDVSSILDQ LSHNQLTKVPRISAHLQHLHLDHNKIKSVNVSVICSPSMLPAERDSFSYGPHLRYLRLDGNEIKPP IPMALMTCFRLQAVII
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	65.12
Interspecies Antigen Sequence	Mouse (85); Rat (86)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — KERA

Entrez GeneID	11081
GeneBank Accession#	AK314990.1
Protein Accession#	BAG37486.1
Gene Name	KERA
Gene Alias	CNA2, SLRR2B
Gene Description	keratocan
Omim ID	217300 603288
Gene Ontology	Hyperlink
Gene Summary	Keratan sulfate proteoglycans (KSPGs) are members of the small leucine-rich proteoglycan (SLRP) family. KSPGs, particularly keratocan, lumican (MIM 600616), and mimecan (MIM 602383), are important to the transparency of the cornea.[supplied by OMIM]
Other Designations	cornea plana 2 (autosomal recessive) keratocan proteoglycan