

## KLRG2 Protein, Human (P.pastoris, His)

<b>Cat. No.:</b>	HY-P71749
<b>Synonyms:</b>	KLRG2; CLEC15B; Killer cell lectin-like receptor subfamily G member 2; C-type lectin domain family 15 member B
<b>Species:</b>	Human
<b>Source:</b>	P. pastoris
<b>Accession:</b>	A4D1S0 (1M-409Q)
<b>Gene ID:</b>	346689
<b>Molecular Weight:</b>	Approximately 44.9 kDa

### PROPERTIES

<b>AA Sequence</b>	<pre> M E E S W E A A P G   G Q A G A E L P M E   P V G S L V P T L E   Q P Q V P A K V R Q P E G P E S S P S P   A G A V E K A A G A   G L E P S S K K K P   P S P R P G S P R V P P L S L G Y G V C   P E P P S P G P A L   V K L P R N G E A P   G A E P A P S A W A P M E L Q V D V R V   K P V G A A G G S S   T P S P R P S T R F   L K V P V P E S P A F S R H A D P A H Q   L L L R A P S Q G G   T W G R R S P L A A   A R T E S G C D A E G R A S P A E G S A   G S P G S P T C C R   C K E L G L E K E D   A A L L P R A G L D G D E K L P R A V T   L T G L P M Y V K S   L Y W A L A F M A V   L L A V S G V V I V V L A S R A G A R C   Q Q C P P G W V L S   E E H C Y Y F S A E   A Q A W E A S Q A F C S A Y H A T L P L   L S H T Q D F L G R   Y P V S R H S W V G   A W R G P Q G W H W I D E A P L P P Q L   L P E D G E D N L D   I N C G A L E E G T   L V A A N C S T P R P W V C A K G T Q           </pre>
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.
<b>Endotoxin Level</b>	<1 EU/μg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O.
<b>Storage &amp; Stability</b>	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

<b>Background</b>	KLRG2, a member of the killer cell lectin-like receptor (KLR) family, is a group of transmembrane proteins preferentially expressed in NK cells. Another member of the family, KLRG1, is a lymphocyte co-suppressor or immune checkpoint receptor
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expressed primarily in late-differentiation effector and effector memory CD8+ T and NK cells. Genetic variations in the gene KLRG2 may affect the Gleason score at diagnosis and thus the aggressiveness of prostate cancer<sup>[1][2][3]</sup>.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA