

## KLRG1 Protein, Mouse (HEK293, Fc)

Cat. No.:	HY-P77974
Synonyms:	KLRG1; CLEC15A; MAFA; MAFAL; 2F1; CLEC15AMAFAL-LIKE; MGC13600
Species:	Mouse
Source:	HEK293
Accession:	O88713 (Q57-Y188)
Gene ID:	50928
Molecular Weight:	43-50 kDa

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	KLRG1 Protein assumes a pivotal role in exerting inhibitory effects on both natural killer (NK) cells and T-cell functions through its binding to non-MHC ligands. By engaging in missing self-recognition, KLRG1 monitors the expression of classical cadherins, including E-cadherin/CDH1, N-cadherin/CDH2, and R-cadherin/CDH4 on target cells. Existing as both a monomer and homodimer with disulfide linkage, KLRG1 employs its immunoreceptor tyrosine-based inhibitory motif (ITIM) to interact with signaling molecules such as PTPN11 and INPP5D, thereby modulating cellular responses and contributing to immune regulation.
------------	--

**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