

AG-2 Protein, Mouse (His)

Cat. No.:	HY-P701076
Synonyms:	Anterior gradient protein 2 homolog; AG-2; AG2; hAG-2; hAG 2; HPC8; AGR2
Species:	Mouse
Source:	E. coli
Accession:	NP_035913.1 (K21-L175)
Gene ID:	23795
Molecular Weight:	18.82 kDa

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22µm filtered solution of 50mM Tris, 300mM NaCl, 1mM TCEP, pH 7.5.
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	AG-2, encoding for Anterior Gradient 2, a member of the protein disulfide isomerase family, is anticipated to exhibit dystroglycan binding activity, epidermal growth factor receptor binding activity, and identical protein binding activity. This protein is implicated in diverse biological processes, including digestive tract morphogenesis, mucus secretion, and positive regulation of developmental growth. AG-2 is positioned in the endoplasmic reticulum and displays biased expression in various tissues, with notable prevalence in the large intestine and colon of adults. The orthologous relationship to the human AGR2 underscores its evolutionary conservation, suggesting shared functional roles and potential contributions to cellular and developmental processes.
------------	---

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

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