

## MAB21L2 Protein, Human (His)

Cat. No.:	HY-P77074
Synonyms:	Protein mab-21-like 2; MAB21L2
Species:	Human
Source:	E. coli
Accession:	NP_006430 (M1-L359)
Gene ID:	10586
Molecular Weight:	Approximately 42 kDa

### PROPERTIES

AA Sequence	<pre> M I A A Q A K L V Y   Q L N K Y Y T E R C   Q A R K A A I A K T   I R E V C K V V S D V L K E V E V Q E P   R F I S S L S E I D   A R Y E G L E V I S   P T E F E V V L Y L N Q M G V F N F V D   D G S L P G C A V L   K L S D G R K R S M   S L W V E F I T A S G Y L S A R K I R S   R F Q T L V A Q A V   D K C S Y R D V V K   M I A D T S E V K L R I R E R Y V V Q I   T P A F K C T G I W   P R S A A Q W P M P   H I P W P G P N R V A E V K A E G F N L   L S K E C Y S L T G   K Q S S A E S D A W   V L Q F G E A E N R L L M G G C R N K C   L S V L K T L R D R   H L E L P G Q P L N   N Y H M K T L L L Y E C E K H P R E T D   W D E S C L G D R L   N G I L L Q L I S C   L Q C R R C P H Y F L P N L D L F Q G K   P H S A L E S A A K   Q T W R L A R E I L   T N P K S L D K L           </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	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.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	The MAB21L2 gene shares similarity with the C. elegans MAB-21 cell fate-determining gene, known as a downstream target of transforming growth factor-beta signaling. Implications suggest its potential involvement in neural development. The encoded protein, primarily nuclear with occasional cytoplasmic localization, is believed to play a role in cellular processes
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related to neural fate determination.

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

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