



Recombinant Human DYRK2 Protein Product Manual

1. Product Basic Information

Product No.: REP06735

Protein Name: Dual Specificity Tyrosine Phosphorylation Regulated Kinase Dual Specificity Tyrosine-Phosphorylation-Regulated Kinase Dual Specificity Tyrosine-(Y)-Phosphorylation Regulated Kinase 2 (DYRK2)

Aliases: dual specificity tyrosine phosphorylation regulated kinase dual specificity tyrosine-phosphorylation-regulated kinase dual specificity tyrosine-(Y)-phosphorylation regulated kinase 2

UniProt ID: Q92630

UniProt Link: <https://www.uniprot.org/uniprotkb/Q92630/entry>

Species Source: Homo sapiens (Human)

Expression System: Baculovirus

Protein Length: Extracellular Domain (1-528aa)

Molecular Weight: 61.7kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-528aa)

MNDHLHVGSHAHGQIQVQQLFEDNSNKRTVLTTQPNGLTTVGKTGLPVVPERQLD
SIHRRQGSSTSLKSMEGMGKVKATPMTPEQAMKQYMQKLTA FEHHEIFSYPEIYFL
GLNAKKRQGMTGGPNNGGYDDDQGSYVQVPHDHVAYRYEVLKVIGKGSFGQVVK
AYDHKVHQHVALKMVRNEKRFHRQAAEEIRILEHLRKQDKDNTMNVIHMLENFTFR
NHICMTFELLSMNLIELIKKNKFQGFSLPLVRKFAHSILQCLDALHKNRIIHCDLKPEN
ILLKQQGRSGIKVIDFGSSCYEHQRVYTYIQSRFYRAPEVILGARYGMPIDMWSLGCI
LAELLTGYP LLPGEDEGDQLACMIELLGMP SQKLLDASKRAKNFVSSKGYPRYCTV
TTLS DGSVVLN GGRSRRGKL RGPPE SREWGNAL KGCD DPLFLDFLKQC LEWDPA
VRMTPGQALRHPWLRRLPKPPTGEKTSVKRITESTGAITSISKLPPPS SASKLRT
NLAQMTDANGNIQQRTVLPKLVS

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom



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glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human DYRK2 extracellular domain protein (1-528aa) expressed in Baculovirus. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. DYRK2, also known as dual specificity tyrosine phosphorylation regulated kinase dual specificity tyrosine-phosphorylation-regulated kinase dual specificity tyrosine-(Y)-phosphorylation regulated kinase 2, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.