

Recombinant Full Length Human BORA Protein, GST-tagged

Cat. No. BORA-4953HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human FLJ22624 full-length ORF (AAH56876, 1 a.a. - 551 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
Protein Length	551 amino acids
Description	BORA is an activator of the protein kinase Aurora A (AURKA; MIM 603072), which is required for centrosome maturation, spindle assembly, and asymmetric protein localization during mitosis (Hutterer et al., 2006 [PubMed 16890155]).[supplied by OMIM
Molecular Mass	86.35 kDa
AA Sequence	<p>MQITPETPGRIPVLNPFESPDSYLNHEQTLASPSVFKSTKLPTPGKFRWSIDQLAVI NPVEIDPEDIHRQALYLSHSRIDKDVEDKRQKAIEEFFTKDVIVPSPWTDHEGKQLSQ CHSSKCTNINSDSPVGKLLTIHSEKSDAACQTL LSLPVDNFLENILGDYFRADEFADQ SPGNLSSSSLRRKFLDGNISDLSLPSASPGSPHSGVQTSLEMFYSIDLSPVKCRS PLQTPSSGQFSSSPIQASAKKYSLGSITSPSPISSTPFSPIEFQIGETPLSEQRKFTVH SPDASSGTNSNGITNPCIRSPYIDGCSPIKNWSPMRLQMYSGGTQYRTSVIQIPFTLE TQGEDEEDKENIPSTDVSSPAMDAAGIHLRQFSNEASTHGTHLVVTAMSVTQNQSS ASEKELALLQDVEREKDNNTVDMVDPIEIADETTWIKEPVDNGSLPMTDFVSGIAFSI ENSHMCMSPLAESSVIPCESSNIQMDSGYNTQNCGSNIMDTVGAESYCKESDAQTC</p>

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EVESKSQAFNMKQDHTTQRCWMKTASPFQCSSP

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

BORA bora, aurora kinase A activator [Homo sapiens (human)]

Official Symbol

BORA

Synonyms

BORA; bora, aurora kinase A activator; C13orf34; protein aurora borealis

Gene ID

79866

mRNA Refseq

NM_001286746

Protein Refseq

NP_001273675

MIM

610510

UniProt ID

Q6PGQ7

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