

## Recombinant Human ADORA2A Protein (S6-A316, N154A), 10×His tagged

**Cat. No.** ADORA2A-0964H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                     |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human 10His-TEV-TrxA-EAAKA-AA2AR(S6-A316) (N154A) Protein was expressed in Insect cell.                                                                 |
| <b>Species</b>          | Human                                                                                                                                                               |
| <b>Source</b>           | Insect Cells                                                                                                                                                        |
| <b>ProteinLength</b>    | S6-A316, N154A                                                                                                                                                      |
| <b>Description</b>      | Receptor for adenosine. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase.                                                    |
| <b>Form</b>             | Liquid                                                                                                                                                              |
| <b>Endotoxin</b>        | < 0.01 EU per µg of the protein                                                                                                                                     |
| <b>Purity</b>           | 90%                                                                                                                                                                 |
| <b>Stability</b>        | Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.                                                                           |
| <b>Storage</b>          | Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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|                       |                                                                                                    |
|-----------------------|----------------------------------------------------------------------------------------------------|
| <b>Storage Buffer</b> | 20mM HEPES pH7.5, 500mM NaCl, 20 µM theophylline, 10% glycerol, 0.05% (w/v) LMNG, 0.005% (w/v) CHS |
|-----------------------|----------------------------------------------------------------------------------------------------|

|                 |                                  |
|-----------------|----------------------------------|
| <b>Shipping</b> | It is shipped out with blue ice. |
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## GENE INFORMATION

|                  |                                                         |
|------------------|---------------------------------------------------------|
| <b>Gene Name</b> | ADORA2A adenosine A2a receptor [ Homo sapiens (human) ] |
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|                        |         |
|------------------------|---------|
| <b>Official Symbol</b> | ADORA2A |
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|                 |                                                                                                                                      |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b> | ADORA2A; adenosine A2a receptor; ADORA2; adenosine receptor A2a; RDC8; adenosine A2 receptor; adenosine receptor subtype A2a; hA2aR; |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------|

|                |     |
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| <b>Gene ID</b> | 135 |
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|--------------------|-----------|
| <b>mRNA Refseq</b> | NM_000675 |
|--------------------|-----------|

|                       |           |
|-----------------------|-----------|
| <b>Protein Refseq</b> | NP_000666 |
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| <b>MIM</b> | 102776 |
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| <b>UniProt ID</b> | P29274 |
|-------------------|--------|

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