

HRAS Protein, Human (sf9, His)

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| Cat. No.: | HY-P73919 |
| Synonyms: | GTPase Hras; Ha-Ras; HRAS; HRAS1 |
| Species: | Human |
| Source: | Sf9 insect cells |
| Accession: | P01112 (M1-C186) |
| Gene ID: | 3265 |
| Molecular Weight: | Approximately 23 kDa |

PROPERTIES

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| AA Sequence | <pre> M T E Y K L V V V G A G G V G K S A L T I Q L I Q N H F V D E Y D P T I E D S Y R K Q V V I D G E T C L L D I L D T A G Q E E Y S A M R D Q Y M R T G E G F L C V F A I N N T K S F E D I H Q Y R E Q I K R V K D S D D V P M V L V G N K C D L A A R T V E S R Q A Q D L A R S Y G I P Y I E T S A K T R Q G V E D A F Y T L V R E I R Q H K L R K L N P P D E S G P G C M S C K C </pre> |
| Biological Activity | The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet. |
| Appearance | Solution. |
| Formulation | Supplied as a 0.2 µm filtered solution of 50 mM Tris, 100 mM NaCl, pH 8.0, 10% gly. |
| 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

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| Background | <p>HRAS protein emerges as a key player in the initiation of Ras protein signal transduction, a pivotal process in cellular signaling. Operating at the molecular level, HRAS facilitates the activation of Ras signaling cascades. Ras proteins, under the influence of HRAS, demonstrate a capability to bind GDP/GTP and exhibit intrinsic GTPase activity, as substantiated by various studies. These molecular interactions underscore the integral role of HRAS in orchestrating the dynamics of signal transduction pathways, shedding light on its significance in cellular communication and regulation.</p> |
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Caution: Product has not been fully validated for medical applications. For research use only.

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