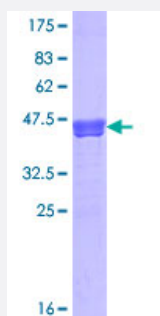


NHS (Human) Recombinant Protein (Q01)

Catalog # H00004810-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NHS partial ORF (NP_938011.1, 1532 a.a. - 1629 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TAESPQSTDDAHQGSQGAEALSPLSPCSPRVNAEGFSSKSFATSASARVGRSRAPPAASSSRY SVRCRLYNTPMQAISEGETENSDGSPHDDRSSQSS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (92); Rat (92)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — NHS

Entrez GeneID [4810](#)

GeneBank Accession# [NM_198270](#)

Protein Accession# [NP_938011.1](#)

Gene Name NHS

Gene Alias DKFZp781F2016, DKFZp781L0254, SCML1

Gene Description Nance-Horan syndrome (congenital cataracts and dental anomalies)

Omim ID [300457](#) [302350](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein containing four conserved nuclear localization signals. The encoded protein may function during the development of the eyes, teeth, and brain. Mutations in this gene have been shown to cause Nance-Horan syndrome. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq]

Other Designations Nance-Horan syndrome protein|OTTHUMP00000024417

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)