

BTN2A1 Protein, Human (HEK293, His)

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| Cat. No.: | HY-P7681 |
| Synonyms: | rHuBTN2A1, His; Butyrophilin subfamily 2 member A1; BTN2A1 |
| Species: | Human |
| Source: | HEK293 |
| Accession: | Q7KYR7 (Q29-A248) |
| Gene ID: | 11120 |
| Molecular Weight: | 39-44 kDa |

PROPERTIES

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| AA Sequence | <p> Q F I V V G P T D P I L A T V G E N T T L R C H L S P E K N A E D M E V R W F R S Q F S P A V F V Y K G G R E R T E E Q M E E Y R G R T T F V S K D I S R G S V A L V I H N I T A Q E N G T Y R C Y F Q E G R S Y D E A I L H L V V A G L G S K P L I S M R G H E D G G I R L E C I S R G W Y P K P L T V W R D P Y G G V A P A L K E V S M P D A D G L F M V T T A V I I R D K S V R N M S C S I N N T L L G Q K K E S V I F I P E S F M P S V S P C A H H H H H H </p> |
| Appearance | Lyophilized powder. |
| Formulation | Lyophilized after extensive dialysis against PBS, pH7.4. |
| Endotoxin Level | <1 EU/μg, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose). |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping | Room temperature in continental US; may vary elsewhere. |

DESCRIPTION

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| Background | Butyrophilins belonging to the immunoglobulin superfamily are new immune system regulators because they are present on lymphocytes, dendritic cells, monocytes, macrophages, neutrophils and eosinophils, and they exert a stimulatory and (or) inhibitory effect on them ^[1] . |
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REFERENCES

Caution: Product has not been fully validated for medical applications. For research use only.

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